

## Bering and Chukchi Sea Ecosystem Database

# Benthic Invertebrate Literature

The *Benthic Invertebrate Literature Database* is maintained to support marine animal research at the Alaska Biological Science Center. It contains references to journal articles, book chapters, and agency reports. Where applicable, entries are cross-referenced by specific research project or *National Oceanographic Data Center* cruise track number.

The most recent version of the database is available as a *Corel Paradox* database table and *Adobe Acrobat* document at [www.absc.usgs.gov/research/bering/invert/lit](http://www.absc.usgs.gov/research/bering/invert/lit) .

**Created:** 25 June 1997

**Updated:** 28 October 1998

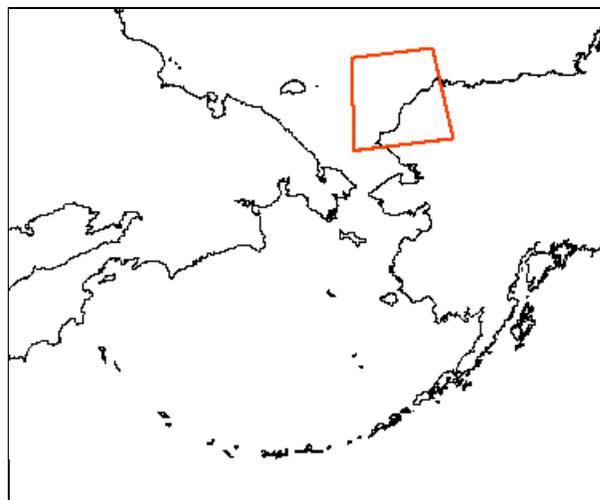
**Contact:** Alaska Biological Science Center  
US Geological Survey  
1011 East Tudor Road  
Anchorage, Alaska 99503 USA

**Maintainer:** Michael Rehberg (michael\_rehberg@usgs.gov)

Record Number: 1 Cross-reference with record(s): 2,3

**Publication**Author: **Feder** Pub. Year: **1994**Pub.: **Arctic 47:145-163**Type: **journal** Number of Authors: **5**

**Feder, H.M., N.R. Foster, S.C. Jewett, T.J. Weingartner, and R. Baxter. 1994. Mollusks in the northeastern Chukchi Sea. Arctic 47:145-163.**

**Location**Southeast Corner (lat,lon): **68.00 -156.00**Northwest Corner (lat,lon): **73.00 -170.00**Sampling Area (km^2): **288 846.20**Sea: **Chukchi** Region: **ne Chukchi****Time**Start Year: **1986**End Year: **1990**Season(s): **Aug****Sampling Conducted****Grab sampling:** Yes**Trawl Sampling:** Yes**Other sampling method:** NoGrab Sample Size: **0.10**Width of Opening: **17.00**

# Stations:

# Replicates/Station: **5**Mesh Size (mm): **90.00**# Stations Sampled: **37**Trawl Time (h): **30.00**# Stations Sampled: **48**Vessel: **Oceanograp****Data Availability**Available in Benthic GIS Database: **No**

NODC Track Number(s):

**Comments****Data**Number of Species: **139**

Most abundant taxa collected (ascending order):

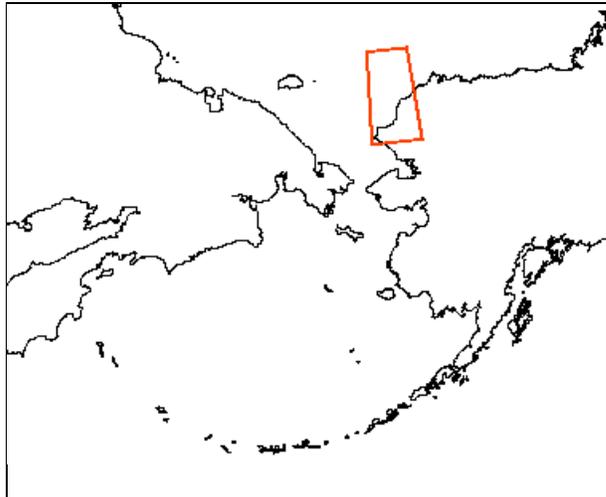
**Gastropod Bivalve**Abundance Measure: **n species**How taxa are listed: **append-all**Size measurements included? **No**

Record Number: 2 Cross-reference with record(s): 1,3

**Publication**

Author: <b>Feder</b>	Pub. Year: <b>1994</b>
Pub.: <b>Mar. Ecol. Prog. Ser. 111</b>	
Type: <b>journal</b>	Number of Authors: <b>6</b>
<b>Feder, H.M., A.S. Naidu, S.C. Jewett, J.M. Hameedi, W.R. Johnson, T.E. Whitledge. 1994. The northeastern Chukchi Sea: benthos-environmental interactions. Marine Ecology Progress Series 111:171-190.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>68.00 -160.00</b>
Northwest Corner (lat,lon):	<b>73.00 -167.00</b>
Sampling Area (km^2):	<b>145 229.10</b>
Sea: <b>Chukchi</b>	Region: <b>ne Chukchi</b>

**Time**

Start Year:	<b>1986</b>
End Year:	<b>1986</b>
Season(s):	<b>Aug</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>37</b>	Trawl Time (h):	Vessel: <b>Oceanograp</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species: <b>425</b>
Most abundant taxa collected (ascending order):
<b>Polychaete      Crustacean      Mollusk</b>
Abundance Measure: <b>n individ</b>
How taxa are listed: <b>table-part</b>
Size measurements included? <b>No</b>

**Comments**

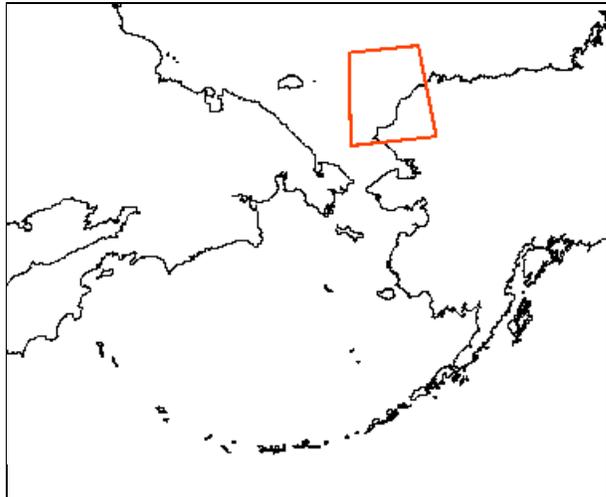
--

Record Number: 3 Cross-reference with record(s): 1,2

**Publication**

Author: <b>Feder</b>	Pub. Year: <b>1989</b>
Pub.: <b>OCSEAP 68:25-311</b>	
Type: <b>report</b>	Number of Authors: <b>5</b>
<b>Feder, H.M., A.S. Naidu, M.J. Hameedi, S.C. Jewett, and W.R. Johnson. 1989. The Chuckchi Sea continental shelf: benthos-environmental interactions. U.S. Department of Commerce, NOAA OCSEAP Final Report 68:25-311.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>68.00 -158.00</b>
Northwest Corner (lat,lon):	<b>73.00 -170.00</b>
Sampling Area (km^2):	<b>248 070.70</b>
Sea: <b>Chukchi</b>	Region: <b>ne Chukchi</b>

**Time**

Start Year:	<b>1986</b>
End Year:	<b>1986</b>
Season(s):	<b>Aug</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening: <b>4.00</b>	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>37</b>	Trawl Time (h): <b>15.00</b>	Vessel: <b>Oceanograp</b>
	# Stations Sampled: <b>10</b>	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species: <b>425</b>
Most abundant taxa collected (ascending order):
<b>Polychaete      Crustacean      Mollusk</b>
Abundance Measure: <b>n individ</b>
How taxa are listed: <b>append-all</b>
Size measurements included? <b>No</b>

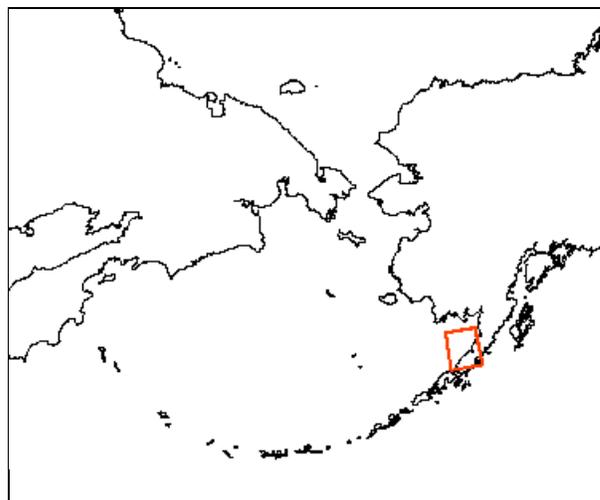
**Comments**

--

Record Number: 4

**Publication**Author: **Thompson** Pub. Year: **1987**Pub.: **Contract Final Report**Type: **report** Number of Authors: **1**

**Thompson, D. Invertebrates. Pages 110-184 in J. C. Truett, ed. Environmental characterization and biological utilization of the north Aleutian Shelf nearshore zone. Final Report Contract No. 84-ABC-00125. LGL Ecological Research Associates, Inc., Bryan, Texas.**

**Location**Southeast Corner (lat,lon): **56.00 -158.00**Northwest Corner (lat,lon): **58.00 -161.00**Sampling Area (km^2): **40 591.64**Sea: **Bering** Region: **north Aleutian Shelf****Time**Start Year: **1984**End Year: **1985**Season(s): **multi****Sampling Conducted****Grab sampling:** Yes**Trawl Sampling:** Yes**Other sampling method:** NoGrab Sample Size: **0.10**

Width of Opening:

# Stations:

# Replicates/Station:

Mesh Size (mm): **2.00**# Stations Sampled: **29**Trawl Time (h): **10.00**

# Stations Sampled:

Vessel:

**Data Availability**Available in Benthic GIS Database: **No**

NODC Track Number(s):

**Comments****Data**

Number of Species:

Most abundant taxa collected (ascending order):

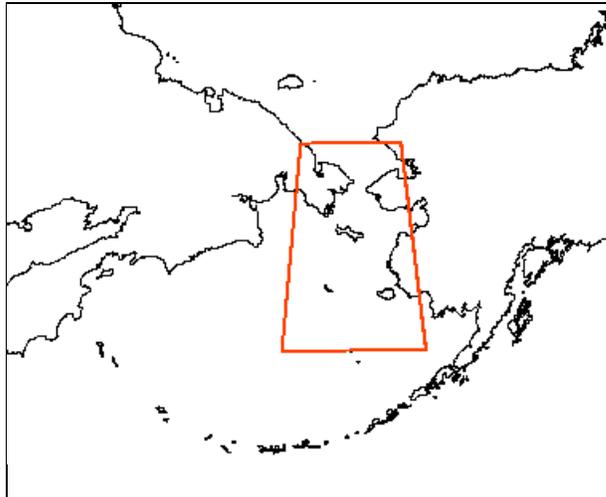
**Polychaete** **Bivalve** **Echinoderm**Abundance Measure: **density**How taxa are listed: **none**Size measurements included? **No**

Record Number: 5 Cross-reference with record(s): 21,52

**Publication**

Author: <b>Feder</b>	Pub. Year: <b>1985</b>
Pub.: <b>OCSEAP 32:1-120</b>	
Type: <b>report</b>	Number of Authors: <b>6</b>
<b>Feder, H.M., R.H. Day, S.C. Jewett, K. McCumby, S. McGee, and S.V. Schonberg. 1985. Infauna of the northeastern Bering and southeastern Chukchi seas. U.S. Department of Commerce, NOAA OCSEAP Final Report 32:1-120.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>57.00 -163.00</b>
Northwest Corner (lat,lon):	<b>68.00 -177.00</b>
Sampling Area (km^2):	<b>876 676.30</b>
Sea: <b>Ber/Chuk</b>	Region: <b>east Bering, se Chukchi</b>

**Time**

Start Year:	<b>1979</b>
End Year:	<b>1980</b>
Season(s):	<b>spring</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>47</b>	Trawl Time (h):	Vessel: <b>Polar Star</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: <b>Yes</b>
NODC Track Number(s): <b>TT1798 TT1799</b>

**Data**

Number of Species: <b>647</b>
Most abundant taxa collected (ascending order): <b>Notgiven</b>
Abundance Measure:
How taxa are listed: <b>appen-part</b>
Size measurements included? <b>No</b>

**Comments**

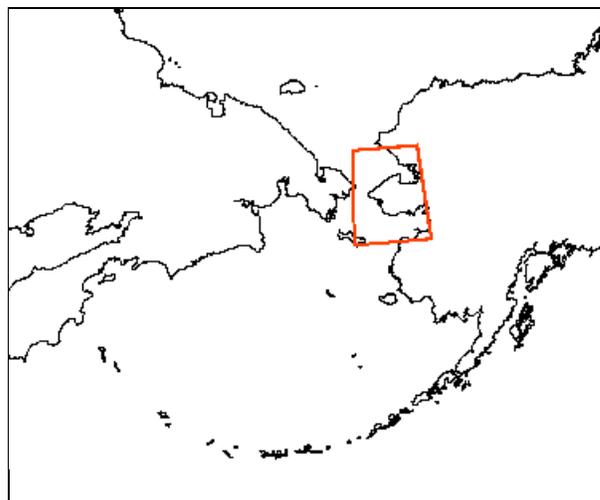
--

Record Number: 6 Cross-reference with record(s): 11,48

**Publication**

Author: **Feder** Pub. Year: **1978**  
 Pub.: **IMS Rep. R78-1**  
 Type: **report** Number of Authors: **2**

**Feder, H.M. and S.C. Jewett. 1978. Survey of the epifaunal invertebrates of the Norton Sound, southeastern Chukchi Sea, and Kotzebue Sound. IMS Report R78-1, Institute of Marine Science, University of Alaska, Fairbanks. 123 pp.**

**Location**Southeast Corner (lat,lon): **63.00 -161.00**Northwest Corner (lat,lon): **68.00 -170.00**Sampling Area (km^2): **231 497.90**Sea: **Ber/Chuk** Region: **ne Bering, se Chukchi****Time**

Start Year: **1976**  
 End Year: **1976**  
 Season(s): **fall**

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening: <b>12.00</b>	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h): <b>30.00</b>	Vessel: <b>MFreeman</b>
	# Stations Sampled: <b>176</b>	

**Data Availability**

Available in Benthic GIS Database: **Yes**  
 NODC Track Number(s): **TR2836**

**Data**

Number of Species: **187**  
 Most abundant taxa collected (ascending order):  
**Echinoderm      Arthropod      Mollusk**  
 Abundance Measure: **biomass**  
 How taxa are listed: **append-all**  
 Size measurements included? **No**

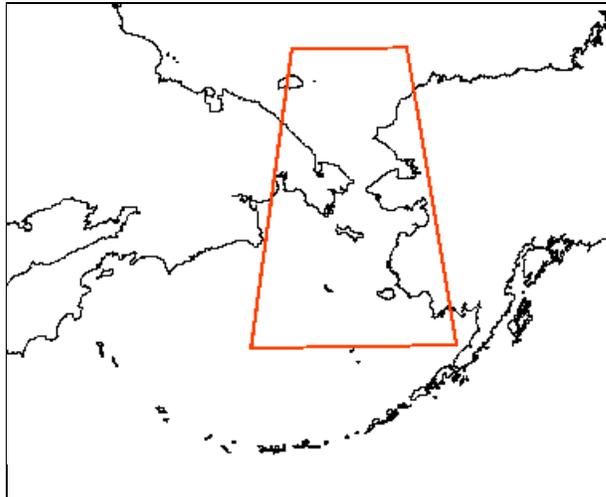
**Comments**

Record Number: 7 Cross-reference with record(s): 8,36,37

**Publication**

Author: <b>Fay</b>	Pub. Year: <b>1977</b>
Pub.: <b>MMC-75/06, MMC-74/03</b>	
Type: <b>report</b>	Number of Authors: <b>3</b>
<p><b>Fay, F.H., H.M. Feder, and S.W. Stoker. 1977. An estimation of the impact of the Pacific walrus population on its food resources in the Bering Sea. Final Report to U.S. Marine Mammal Commission, Report MMC-75/06, MMC-74/03, 38 pp.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>57.00 -160.00</b>
Northwest Corner (lat,lon):	<b>73.00 -180.00</b>
Sampling Area (km^2):	<b>1 652 188.00</b>
Sea: <b>Ber/Chuk</b>	Region: <b>east Bering, Chukchi</b>

**Time**

Start Year:	<b>1970</b>
End Year:	<b>1974</b>
Season(s):	<b>multi</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening: <b>3.00</b>	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>178</b>	Trawl Time (h): <b>30.00</b>	Vessel: <b>multi</b>
	# Stations Sampled: <b>71</b>	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species: <b>472</b>
Most abundant taxa collected (ascending order):
<b>Polychaete</b> <b>Mollusk</b> <b>Amphipod</b>
Abundance Measure: <b>freq occur</b>
How taxa are listed: <b>table-part</b>
Size measurements included? <b>No</b>

**Comments**

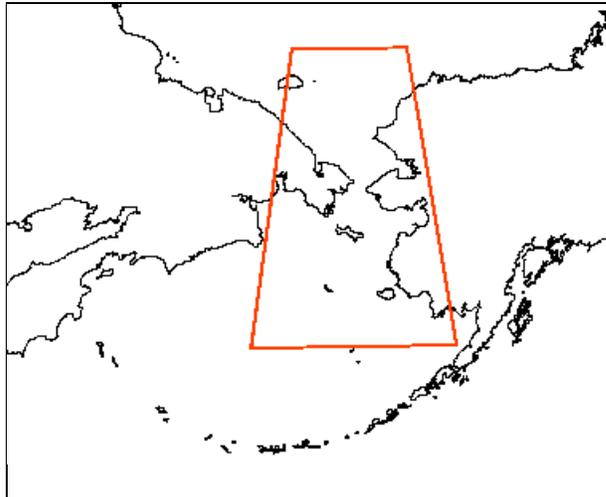
<b>Northwind, Glacier, Burt. Isl., Acona, Alpha Helix</b>
---

Record Number: 8 Cross-reference with record(s): 7,36,37

**Publication**

Author: <b>Stoker</b>	Pub. Year: <b>1981</b>
Pub.: <b>Eastern Bering Sea Shelf</b>	
Type: <b>book</b>	Number of Authors: <b>1</b>
<b>Stoker, S.W. 1981. Benthic invertebrate macrofauna of the eastern Bering/Chukchi continental shelf. Pages 1069-1090 in D.W. Hood and J.A. Calder editors. The eastern Bering Sea Shelf: oceanography and resources Volume Two. University of Washington Press.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>57.00 -160.00</b>
Northwest Corner (lat,lon):	<b>73.00 -180.00</b>
Sampling Area (km^2):	<b>1 652 188.00</b>
Sea: <b>Ber/Chuk</b>	Region: <b>east Bering, Chukchi</b>

**Time**

Start Year:	<b>1970</b>
End Year:	<b>1974</b>
Season(s):	<b>multi</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening: <b>3.00</b>	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>176</b>	Trawl Time (h):	
	# Stations Sampled: <b>33</b>	Vessel: <b>multi</b>

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species: <b>472</b>
Most abundant taxa collected (ascending order):
<b>Polychaete</b> <b>Mollusk</b> <b>Amphipod</b>
Abundance Measure: <b>freq occur</b>
How taxa are listed: <b>table-part</b>
Size measurements included? <b>No</b>

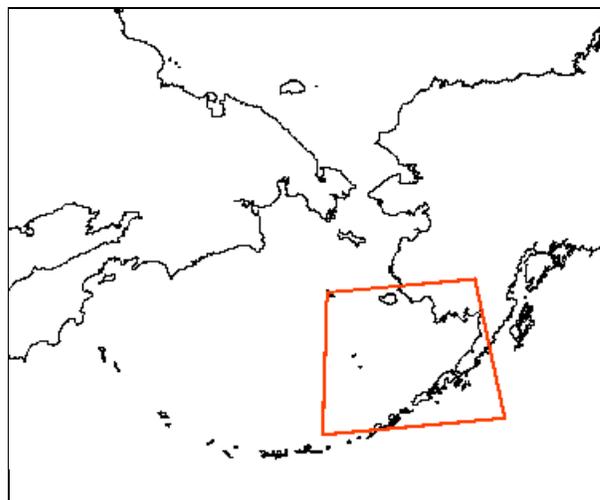
**Comments**

<b>Northwind, Glacier, Burt. Isl., Acona, Alpha Helix</b>
---

Record Number: **9** Cross-reference with record(s): **10,12,46,47****Publication**

Author: **Haflinger** Pub. Year: **1981**  
 Pub.: **Eastern Bering Sea Shelf**  
 Type: **book** Number of Authors: **1**

**Haflinger, K. 1981. A survey of the benthic infaunal communities of the southeastern Bering Sea Shelf. Pages 1091-1103 in D.W. Hood and J.A. Calder editors. The eastern Bering Sea Shelf: oceanography and resources volume two. University of Washington Press.**

**Location**Southeast Corner (lat,lon): **53.00 -157.00**Northwest Corner (lat,lon): **60.50 -173.00**Sampling Area (km^2): **809 046.60**Sea: **Bering** Region: **Bristol Bay****Time**

Start Year: **1975**  
 End Year: **1976**  
 Season(s): **multi**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station: <b>7</b>	Mesh Size (mm):	
# Stations Sampled: <b>96</b>	Trawl Time (h):	Vessel: <b>Disc/MFrmn</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **Yes**  
 NODC Track Number(s): **TR3268 TR3269**

**Comments****Data**

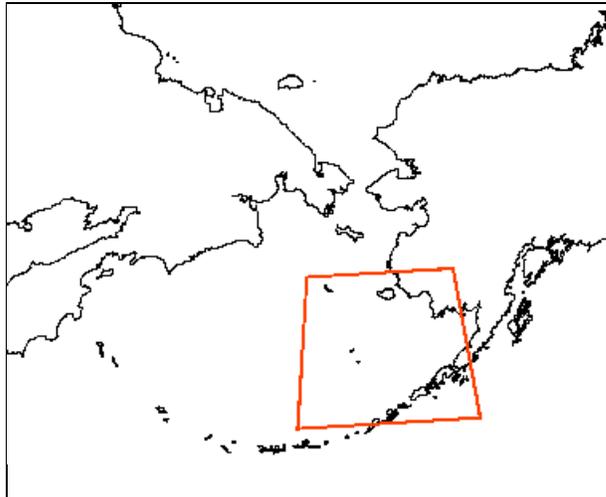
Number of Species: **139**  
 Most abundant taxa collected (ascending order):  
**Notgiven**  
 Abundance Measure:  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

Record Number: 10 Cross-reference with record(s): 9,11,12,46,47

**Publication**

Author: <b>Jewett</b>	Pub. Year: <b>1981</b>
Pub.: <b>Eastern Bering Sea Shelf</b>	
Type: <b>book</b>	Number of Authors: <b>2</b>
<p><b>Jewett, S.C. and H.M. Feder. 1981. Epifaunal invertebrates of the continental shelf of the eastern Bering and Chukchi seas. Pages 1131-1153 in D.W. Hood and J.A. Caldor editors. The eastern Bering Sea Shelf: oceanography and resources volume two. University of Washington Press.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>53.00 -159.00</b>
Northwest Corner (lat,lon):	<b>61.00 -175.00</b>
Sampling Area (km^2):	<b>857 208.50</b>
Sea: <b>Bering</b>	Region: <b>Bristol Bay</b>

**Time**

Start Year:	<b>1975</b>
End Year:	<b>1976</b>
Season(s):	<b>multi</b>

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel: <b>MFreeman</b>
	# Stations Sampled: <b>254</b>	

**Data Availability**

Available in Benthic GIS Database: <b>Yes</b>
NODC Track Number(s): <b>TR2111</b>

**Data**

Number of Species: <b>235</b>
Most abundant taxa collected (ascending order):
<b>Arthropod</b> <b>Echinoderm</b>
Abundance Measure: <b>biomass</b>
How taxa are listed: <b>table-part</b>
Size measurements included? <b>No</b>

**Comments**

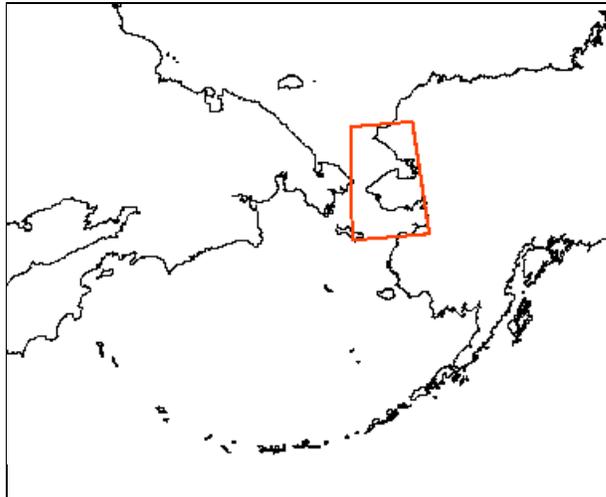
<b>other trackno TR3268 and TR3269 (maybe)</b>
--

Record Number: 11 Cross-reference with record(s): 6,10,48

**Publication**

Author: <b>Jewett</b>	Pub. Year: <b>1981</b>
Pub.: <b>Eastern Bering Sea Shelf</b>	
Type: <b>book</b>	Number of Authors: <b>2</b>
<p><b>Jewett, S.C. and H.M. Feder. 1981. Epifaunal invertebrates of the continental shelf of the eastern Bering and Chukchi seas. Pages 1131-1153 in D.W. Hood and J.A. Caldor editors. The eastern Bering Sea Shelf: oceanography and resources volume two. University of Washington Press.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>63.00 -161.00</b>
Northwest Corner (lat,lon):	<b>69.00 -170.00</b>
Sampling Area (km^2):	<b>272 451.10</b>
Sea: <b>Ber/Chuk</b>	Region: <b>Norton, Kotzebue</b>

**Time**

Start Year:	<b>1976</b>
End Year:	<b>1976</b>
Season(s):	

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel: <b>MFreeman</b>
	# Stations Sampled: <b>175</b>	

**Data Availability**

Available in Benthic GIS Database: <b>Yes</b>
NODC Track Number(s): <b>TR2836</b>

**Data**

Number of Species: <b>211</b>
Most abundant taxa collected (ascending order):
<b>Echinoderm      Arthropod      Mollusk</b>
Abundance Measure: <b>biomass</b>
How taxa are listed: <b>table-part</b>
Size measurements included? <b>No</b>

**Comments**

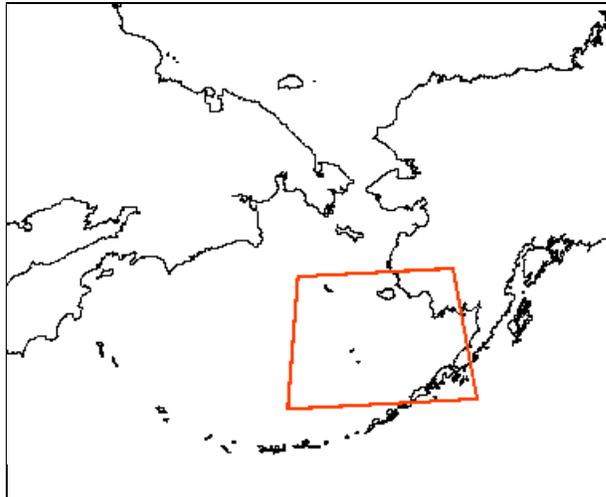
--

Record Number: 12 Cross-reference with record(s): 9,10,46,47

**Publication**

Author: <b>McDonald</b>	Pub. Year: <b>1981</b>
Pub.: <b>Eastern Bering Sea Shelf</b>	
Type: <b>book</b>	Number of Authors: <b>3</b>
<p><b>McDonald, J., H.M. Feder, and M. Hoberg. 1981. Bivalve mollusks of the southeastern Bering Sea. Pages 1155-1204 in D.W. Hood and J.A. Caldor editors. The eastern Bering Sea Shelf: oceanography and resources volume two. University of Washington Press.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>54.00 -159.00</b>
Northwest Corner (lat,lon):	<b>61.00 -176.00</b>
Sampling Area (km^2):	<b>785 454.10</b>
Sea: <b>Bering</b>	Region: <b>se Bering, incl. Bristol</b>

**Time**

Start Year:	<b>1975</b>
End Year:	<b>1977</b>
Season(s):	

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel: <b>Disc/MFrmn</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database:	<b>Yes</b>
NODC Track Number(s):	<b>TR3268 TR3269</b>

**Data**

Number of Species:	<b>33</b>
Most abundant taxa collected (ascending order):	<b>Mollusk</b>
Abundance Measure:	
How taxa are listed:	<b>table-part</b>
Size measurements included?	<b>Yes</b>

**Comments**

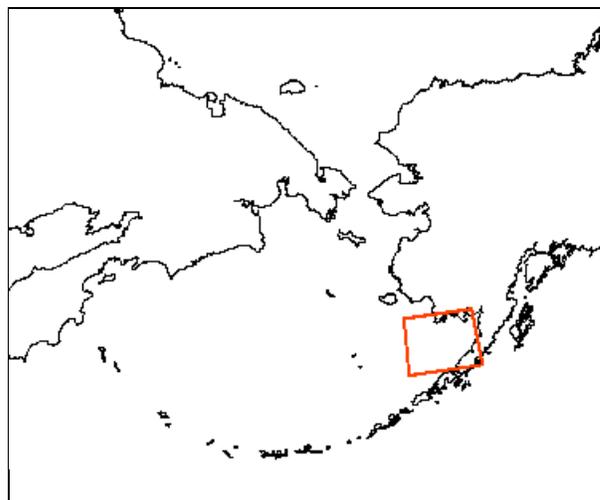
--

Record Number: 13 Cross-reference with record(s): 33,42,43,44

**Publication**

Author: **Hughes** Pub. Year: **1981**  
 Pub.: **Eastern Bering Sea Shelf**  
 Type: **book** Number of Authors: **2**

**Hughes, S.E. and N. Bourne. 1981. Stock assessment and life history of a newly discovered Alaska surf clam resource in the southeastern Bering Sea. Pages 1205-1214 in D.W. Hood and J. A. Caldor editors. The eastern Bering Sea Shelf: oceanography and resources volume two. University of Washington Press.**

**Location**Southeast Corner (lat,lon): **56.00 -158.00**Northwest Corner (lat,lon): **59.00 -165.00**Sampling Area (km<sup>2</sup>): **139 950.20**Sea: **Bering** Region: **Bristol Bay****Time**

Start Year: **1977**  
 End Year: **1978**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations: 66
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel: <b>Smar/SHawk</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Spisula**  
 Abundance Measure: **single sp.**  
 How taxa are listed: **none**  
 Size measurements included? **Yes**

**Comments**

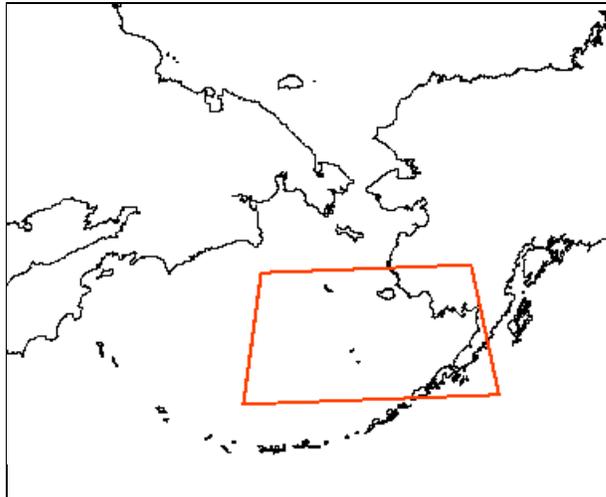
**Smaragd and Sea Hawk**

Record Number: 14 Cross-reference with record(s): 17,45

**Publication**

Author: <b>MacIntosh</b>	Pub. Year: <b>1981</b>
Pub.: <b>Eastern Bering Sea Shelf</b>	
Type: <b>book</b>	Number of Authors: <b>2</b>
<p><b>MacIntosh, R.A. D.A. Somerton. 1981. Large marine gastropods of the eastern Bering Sea. Pages 1215-1228 in D.W. Hood and J.A. Calder editors. The eastern Bering Sea Shelf: oceanography and resources volume 2. University of Washington Press.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>54.00 -157.00</b>
Northwest Corner (lat,lon):	<b>61.00 -180.00</b>
Sampling Area (km^2):	<b>1 053 019.00</b>
Sea: <b>Bering</b>	Region: <b>eastern Bering, Bristol</b>

**Time**

Start Year:	<b>1975</b>
End Year:	<b>1976</b>
Season(s):	<b>summ</b>

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: <b>Unk</b>
NODC Track Number(s):

**Data**

Number of Species: <b>72</b>
Most abundant taxa collected (ascending order):
<b>Neptuneida</b> <b>Buccinidae</b>
Abundance Measure: <b>freq occur</b>
How taxa are listed: <b>table-part</b>
Size measurements included? <b>No</b>

**Comments**

--

Record Number: 15

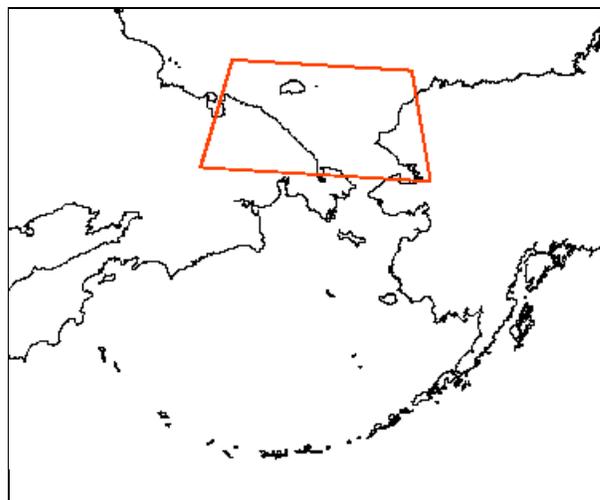
**Publication**

Author: **McCauley**      Pub. Year: **1962**  
 Pub.: **USCG Ocean. Rep. No. 1**  
 Type: **report**      Number of Authors: **1**

**McCauley, J.E. 1962. A preliminary report of the benthic animals collected on the USCGC "Northwind" cruise during 1962. Pages 17-22 in United States Coast Guard oceanographic report no. 1, oceanographic cruise USCGC Northwind, Bering and Chukchi seas, July-Sept. 1962.**

**Time**

Start Year: **1962**  
 End Year: **1962**  
 Season(s): **Oct**

**Location**

Southeast Corner (lat,lon): **66.00 -160.00**  
 Northwest Corner (lat,lon): **72.00 170.00**  
 Sampling Area (km^2): **775 995.30**  
 Sea: **Chukchi**      Region: **Chukchi**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening: <b>7.00</b>	# Stations:
# Replicates/Station:	Mesh Size (mm): <b>25.00</b>	
# Stations Sampled: <b>6</b>	Trawl Time (h):	Vessel: <b>Northwind</b>
	# Stations Sampled: <b>15</b>	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Comments****Data**

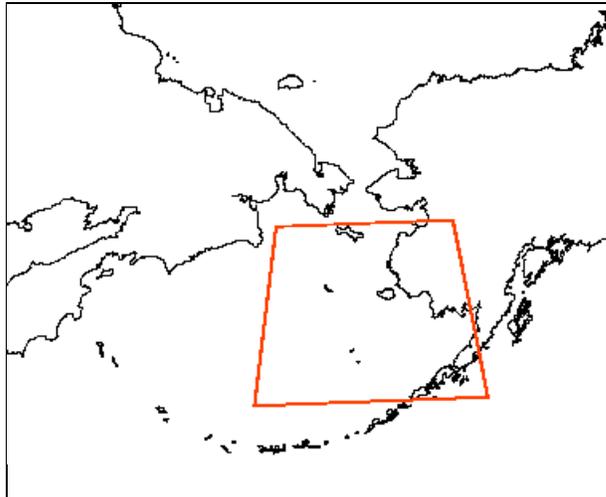
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Notgiven**  
 Abundance Measure:  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

Record Number: 16 Cross-reference with record(s): 17

**Publication**

Author: <b>Walters</b>	Pub. Year: <b>1982</b>
Pub.: <b>NOAA Tech. Mem. 35</b>	
Type: <b>report</b>	Number of Authors: <b>2</b>
<b>Walters, G.E. and M.J. McPhail. 1982. An atlas of demersal fish and invertebrate community structure in the eastern Bering Sea: part1, 1978-81. NOAA Technical Memorandum NMFS F/NWC-35. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Seattle, WA.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>54.00 -158.00</b>
Northwest Corner (lat,lon):	<b>63.50 -179.00</b>
Sampling Area (km^2):	<b>1 263 703.00</b>
Sea: <b>Bering</b>	Region: <b>east Bering</b>

**Time**

Start Year:	<b>1978</b>
End Year:	<b>1981</b>
Season(s):	<b>summ</b>

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled: <b>500</b>	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species:
Most abundant taxa collected (ascending order):
<b>Shrimp                      Crabs                      Starfish</b>
Abundance Measure:
How taxa are listed: <b>append-all</b>
Size measurements included? <b>No</b>

**Comments**

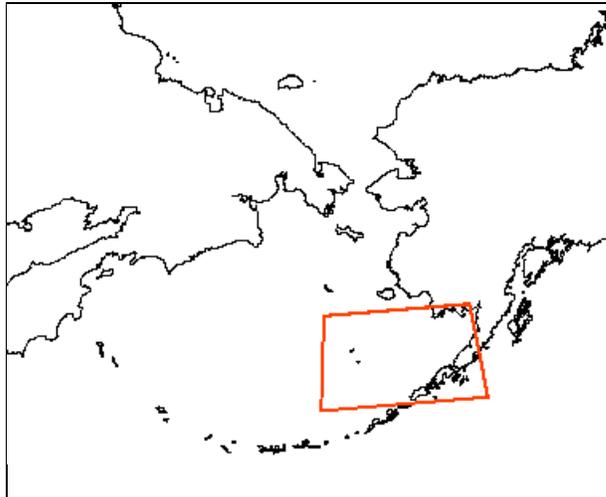
--

Record Number: 17 Cross-reference with record(s): 14,16,45

**Publication**

Author: <b>Walters</b>	Pub. Year: <b>1983</b>
Pub.: <b>NOAA Tech. Mem. 40</b>	
Type: <b>report</b>	Number of Authors: <b>1</b>
<p><b>Walters, G.E. 1983. An atlas of demersal fish and invertebrate community structure in the eastern Bering Sea: part 2, 1971-77. NOAA Technical Memorandum NMFS F/NWC-40. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Seattle, WA.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>54.00 -158.00</b>
Northwest Corner (lat,lon):	<b>59.00 -173.00</b>
Sampling Area (km^2):	<b>509 809.00</b>
Sea: <b>Bering</b>	Region: <b>east Bering</b>

**Time**

Start Year:	<b>1971</b>
End Year:	<b>1977</b>
Season(s):	<b>summ</b>

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled: <b>500</b>	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species:
Most abundant taxa collected (ascending order):
<b>Shrimp                      Crabs                      Starfish</b>
Abundance Measure:
How taxa are listed: <b>append-all</b>
Size measurements included? <b>No</b>

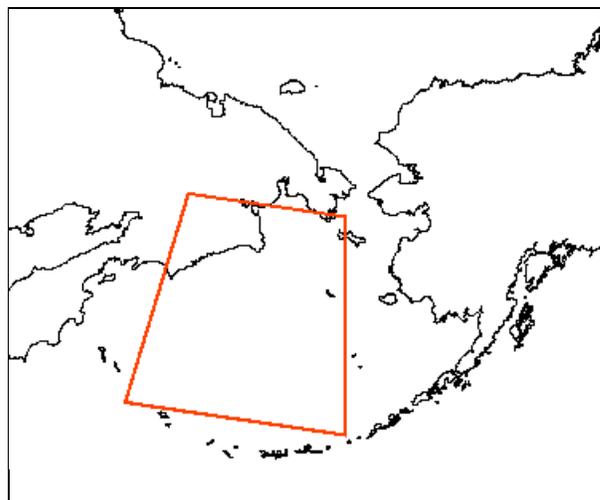
**Comments**

--

Record Number: 18

**Publication**Author: **Kolesnikova** Pub. Year: **1990**Pub.: **USFWS Biol. Rep. 90(13)**Type: **report** Number of Authors: **3**

**Kolesnikova, H.A., N.G. Sergeva, and N.A. Valovaya. 1990. Benthos of the Bering Sea. Pages 175-187 in P.F. Roscigno editor. Results of the second joint U.S.-U.S.S.R. Bering Sea expedition, summer 1984. U.S. Fish and Wildlife Service Biological Report 90(3).**

**Location**Southeast Corner (lat,lon): **53.00 -171.00**Northwest Corner (lat,lon): **64.50 169.50**Sampling Area (km^2): **1 422 965.00**Sea: **Bering** Region: **west, central Bering****Time**Start Year: **1984**End Year: **1984**Season(s): **summ****Sampling Conducted****Grab sampling:** Yes**Trawl Sampling:** Yes**Other sampling method:** YesGrab Sample Size: **0.25**Width of Opening: **1.50**# Stations: **14**

# Replicates/Station:

Mesh Size (mm):

# Stations Sampled: **31**

Trawl Time (h):

# Stations Sampled: **6**

Vessel:

**Data Availability**Available in Benthic GIS Database: **No**

NODC Track Number(s):

**Comments****Data**

Number of Species:

Most abundant taxa collected (ascending order):

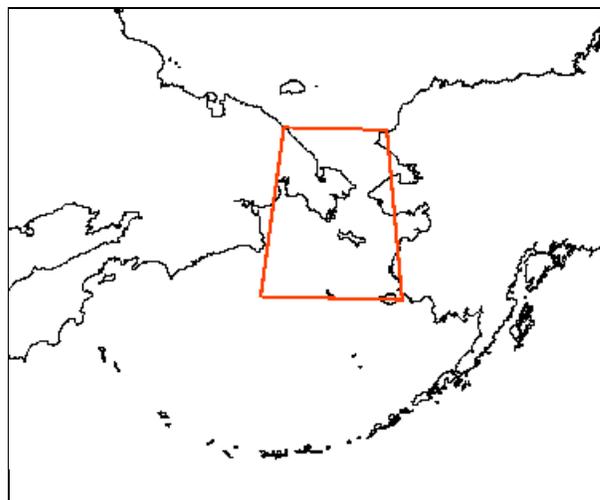
**Polychaete** **Bivalve** **Echinoderm**Abundance Measure: **biomass**How taxa are listed: **table-part**Size measurements included? **No**

Record Number: 19 Cross-reference with record(s): 20,28,29

**Publication**

Author: **Grebmeier** Pub. Year: **1992**  
 Pub.: **USFWS (BERPAC, II)**  
 Type: **report** Number of Authors: **1**

**Grebmeier, J.M. 1992. Benthic processes on the shallow continental shelf. Pages 243-251 in P.A. Nagel editor. Results of the third US-USSR Bering and Chukchi seas expedition (BERPAC), summer 1988. US Fish and Wildlife Service, Washington, DC.**

**Location**Southeast Corner (lat,lon): **60.00 -165.00**Northwest Corner (lat,lon): **69.00 -180.00**Sampling Area (km^2): **716 391.40**Sea: **Ber/Chuk** Region: **north Bering, Chukchi****Time**

Start Year: **1988**  
 End Year: **1988**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>4</b>	Mesh Size (mm):	
# Stations Sampled: <b>24</b>	Trawl Time (h):	Vessel: <b>AkademicKo</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Bivalves**      **Amphipods**  
 Abundance Measure: **biomass**  
 How taxa are listed: **none**  
 Size measurements included? **No**

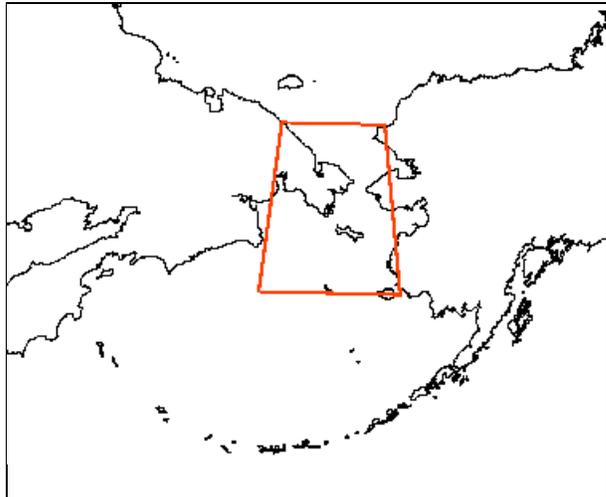
**Comments**

Record Number: 20 Cross-reference with record(s): 19,28,29

**Publication**

Author: <b>Sirenko</b>	Pub. Year: <b>1992</b>
Pub.: <b>USFWS (BERPAC, II)</b>	
Type: <b>report</b>	Number of Authors: <b>2</b>
<p><b>Sirendo, B.I. and V.M. Koltun. 1992. Characteristics of benthic biocenoses of the Chukchi and Bering seas. Pages 251-261 in P.A. Nagel editor. Results of the third joint US-USSR Bering and Chukchi seas Expedition (BERPAC), summer 1988. US Fish and Wildlife Service, Washington, DC.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>60.00 -165.00</b>
Northwest Corner (lat,lon):	<b>69.00 -180.00</b>
Sampling Area (km^2):	<b>716 391.40</b>
Sea: <b>Ber/Chuk</b>	Region: <b>north Bering, Chukchi</b>

**Time**

Start Year:	<b>1988</b>
End Year:	<b>1988</b>
Season(s):	<b>summ</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening: <b>0.90</b>	# Stations:
# Replicates/Station:	Mesh Size (mm): <b>1.00</b>	
# Stations Sampled: <b>111</b>	Trawl Time (h): <b>20.00</b>	Vessel: <b>AkademicKo</b>
	# Stations Sampled: <b>48</b>	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species:	
Most abundant taxa collected (ascending order):	
<b>Bivalves</b>	<b>Polychaete</b>
<b>Amphipods</b>	
Abundance Measure:	<b>biomass</b>
How taxa are listed:	<b>none</b>
Size measurements included?	<b>No</b>

**Comments**

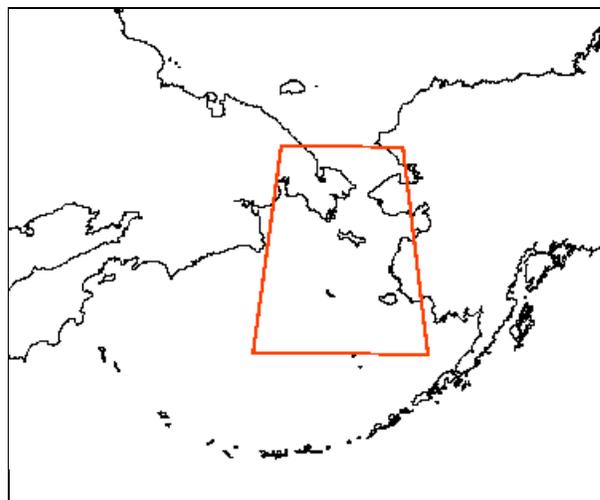
--

Record Number: 21 Cross-reference with record(s): 5,52

**Publication**

Author: **Feder** Pub. Year: **1981**  
 Pub.: **OCSEAP Ann. Rep. P.I.**  
 Type: **report** Number of Authors: **5**

**Feder, H.M., R.H. Day, S.C. Jewett, S.G. McGee, S. V. Schonberg. 1981. Analysis of van Veen grab samples collected during 1979 and 1980 in the northern Bering Sea and southeastern Chukchi Sea. Pages 3-25 in Environmental assessment of the Alaskan continental shelf, annual reports of principal investigators for the year ending March 1981. Volume II: receptors-benthos. U.S. Department of Commerce National Oceanic and Atmospheric Administration and U.S. Department of Interior Bureau of Land Management.**

**Location**Southeast Corner (lat,lon): **57.00 -163.00**Northwest Corner (lat,lon): **68.00 -180.00**Sampling Area (km^2): **1 060 787.00**Sea: **Ber/Chuk** Region: **n Bering, s Chukchi****Time**

Start Year: **1979**  
 End Year: **1980**  
 Season(s): **spring**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>59</b>	Trawl Time (h):	Vessel: <b>Polar Star</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **Yes**  
 NODC Track Number(s): **TT1799**

**Comments****Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Polychaete**      **Bivalve**      **Brittlesta**  
 Abundance Measure:      **freq occur**  
 How taxa are listed:      **none**  
 Size measurements included? **No**

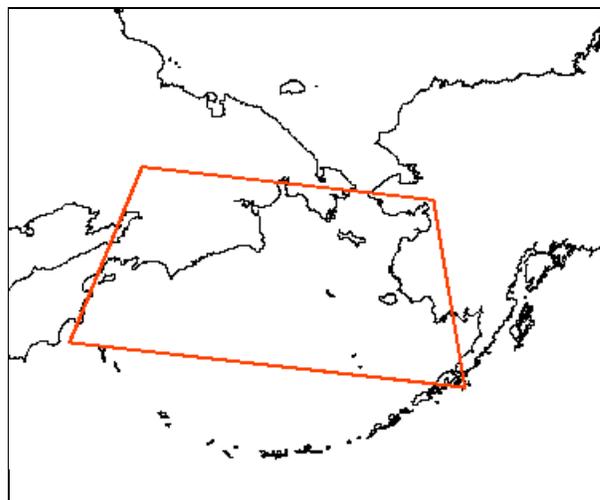
Record Number: **22** Cross-reference with record(s): **23****Publication**

Author: **Alton** Pub. Year: **1972**  
 Pub.: **Oceanography Bering Sea**  
 Type: **book** Number of Authors: **1**

**Alton, M.S. 1972. Bering Sea benthos as a food resource for demersal fish populations. Pages 257-277 in D.W. Hood and E.J. Kelley editors. Oceanography of the Bering Sea, with emphasis on renewable resources. Occasional Publication No. 2, Institute of Marine Science, University of Alaska, Fairbanks.**

**Time**

Start Year: **1932**  
 End Year: **1960**  
 Season(s): **unkn**

**Location**Southeast Corner (lat,lon): **55.00 -160.00**Northwest Corner (lat,lon): **65.00 163.00**Sampling Area (km<sup>2</sup>): **2 180 262.00**Sea: **Bering** Region: **Bering Sea****Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.25</b>	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled: <b>263</b>	Trawl Time (h):	
	# Stations Sampled:	Vessel: <b>multi</b>

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Comments****Data**

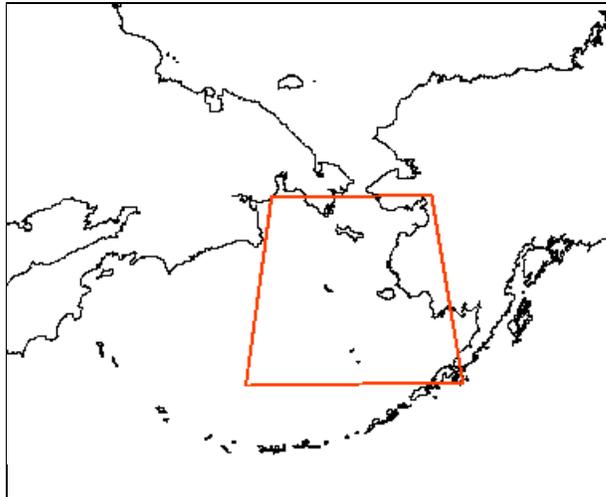
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Notgiven**  
 Abundance Measure:  
 How taxa are listed: **none**  
 Size measurements included? **No**

Record Number: 23 Cross-reference with record(s): 22, 24

**Publication**

Author: <b>Neiman</b>	Pub. Year: <b>1968</b>
Pub.: <b>Soviet Fish. Invest. Part I</b>	
Type: <b>book</b>	Number of Authors: <b>1</b>
<p><b>Neiman, A.A. 1963. Quantitative distribution of benthos on the shelf and upper continental slope in the eastern part of the Bering Sea. Pages 143-217 in Soviet fisheries investigations in the northeast Pacific, part 1. Israel Program for Scientific Translations.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>55.00 -160.00</b>
Northwest Corner (lat,lon):	<b>65.00 -180.00</b>
Sampling Area (km^2):	<b>1 223 086.00</b>
Sea: <b>Bering</b>	Region: <b>north Bering</b>

**Time**

Start Year:	<b>1958</b>
End Year:	<b>1960</b>
Season(s):	<b>unkn</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.25</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>1</b>	Mesh Size (mm):	
# Stations Sampled: <b>280</b>	Trawl Time (h):	Vessel:
	# Stations Sampled: <b>60</b>	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

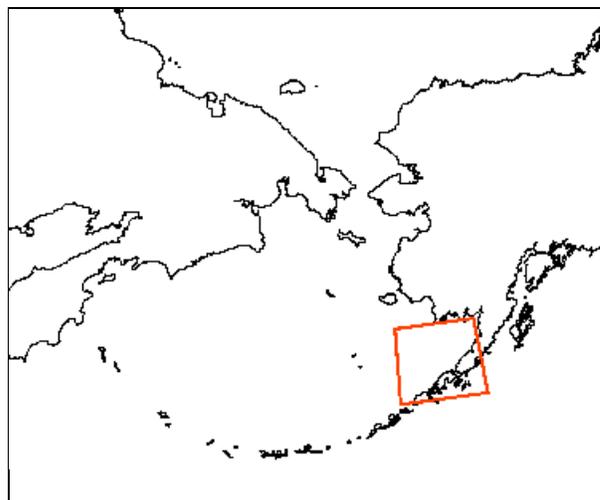
Number of Species:
Most abundant taxa collected (ascending order):
<b>Notgiven</b>
Abundance Measure:
How taxa are listed: <b>table-all</b>
Size measurements included? <b>No</b>

**Comments**

--

Record Number: **24** Cross-reference with record(s): **23,25****Publication**Author: **Semenov** Pub. Year: **1968**Pub.: **Soviet Fish. Invest. Part III**Type: **book** Number of Authors: **1**

**Semenov, V.N. 1963. Quantitative distribution of benthos on the shelf of the southeastern Bering Sea (Bristol Bay, Alaska Peninsula coast, and Unimak Island). Pages 167-175 in Soviet fisheries investigations in the northeast Pacific, part III. Isreal Program for Scientific Translations.**

**Location**Southeast Corner (lat,lon): **54.50 -158.00**Northwest Corner (lat,lon): **58.50 -166.00**Sampling Area (km^2): **218 875.10**Sea: **Bering** Region: **Bristol Bay, Unimak****Time**Start Year: **1958**End Year: **1961**Season(s): **sp/su****Sampling Conducted****Grab sampling:** Yes**Trawl Sampling:** No**Other sampling method:** NoGrab Sample Size: **0.25**

Width of Opening:

# Stations:

# Replicates/Station:

Mesh Size (mm):

# Stations Sampled: **72**

Trawl Time (h):

# Stations Sampled:

Vessel:

**Data Availability**Available in Benthic GIS Database: **No**

NODC Track Number(s):

**Data**

Number of Species:

Most abundant taxa collected (ascending order):

**Mollusk****Polychaete****Echinoderm**

Abundance Measure:

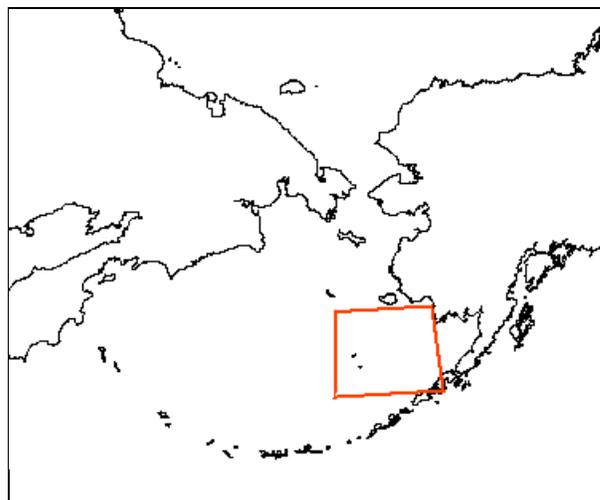
How taxa are listed: **figur-part**Size measurements included? **No****Comments**

Record Number: 25 Cross-reference with record(s): 24

**Publication**

Author: **Neiman** Pub. Year: **1968**  
 Pub.: **Soviet Fish. Invest. Part III**  
 Type: **book** Number of Authors: **1**

**Neiman, A.A. 1963. Age of bivalve mollusks and the utilization of benthos by flatfishes in the southeastern Bering Sea. Pages 191-196 in Soviet fisheries investigations in the northeast Pacific, part III. Israel Program for Scientific Translations.**

**Location**Southeast Corner (lat,lon): **55.00 -162.00**Northwest Corner (lat,lon): **59.50 -172.00**Sampling Area (km^2): **301 301.10**Sea: **Bering** Region: **se Bering****Time**

Start Year: **1961**  
 End Year: **1961**  
 Season(s): **multi**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.25</b>	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Comments****Data**

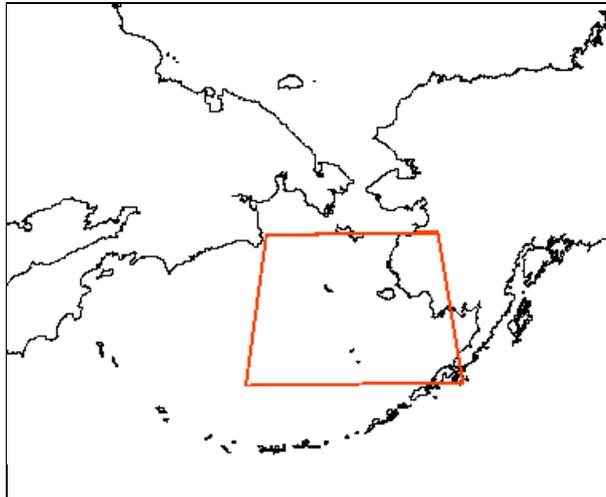
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Mollusk**  
 Abundance Measure:  
 How taxa are listed: **table-part**  
 Size measurements included? **Yes**

Record Number: 26 Cross-reference with record(s): 22,23,24,25

**Publication**

Author: <b>Barysheva</b>	Pub. Year: <b>1968</b>
Pub.: <b>Soviet Fish. Invest. Part III</b>	
Type: <b>book</b>	Number of Authors: <b>1</b>
<b>Barysheva, K.P. 1963. Characterization of the cumacean fauna of the eastern part of the Bering Sea. Pages 197-207 in Soviet fisheries investigations in the northeast Pacific, part III. Israel Program for Scientific Translations.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>55.00 -160.00</b>
Northwest Corner (lat,lon):	<b>63.00 -180.00</b>
Sampling Area (km^2):	<b>1 008 175.00</b>
Sea: <b>Bering</b>	Region: <b>Bering shelf</b>

**Time**

Start Year:	<b>1958</b>
End Year:	<b>1961</b>
Season(s):	<b>unkn</b>

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species:
Most abundant taxa collected (ascending order):
<b>Crustacean</b>
Abundance Measure:
How taxa are listed: <b>table-all</b>
Size measurements included? <b>Yes</b>

**Comments**

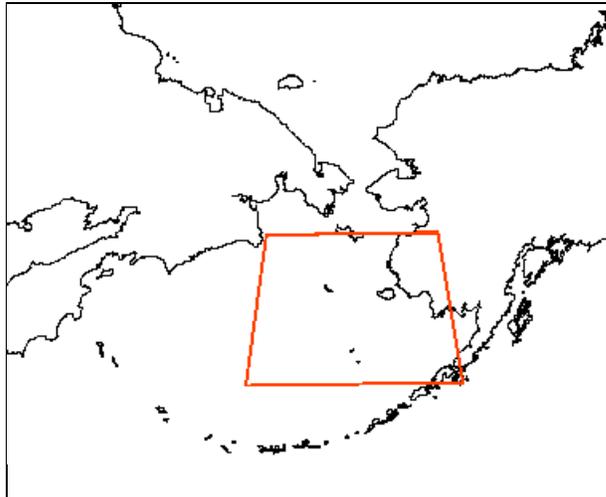
--

Record Number: 27 Cross-reference with record(s): 22,23,24,25,26

**Publication**

Author: <b>Vinogradov</b>	Pub. Year: <b>1968</b>
Pub.: <b>Soviet Fish. Invest. Part IV</b>	
Type: <b>book</b>	Number of Authors: <b>2</b>
<p><b>Vinogradov, L.G. and A.A. Neiman. 1968. Distribution of zoogeographical complexes of the bottom fauna in the eastern Bering Sea. Pages 33-36 in Soviet fisheries investigations in the northeast Pacific, part IV. Israel Program for Scientific Translations.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>55.00 -160.00</b>
Northwest Corner (lat,lon):	<b>63.00 -180.00</b>
Sampling Area (km^2):	<b>1 008 175.00</b>
Sea: <b>Bering</b>	Region: <b>Bering shelf</b>

**Time**

Start Year:	<b>1958</b>
End Year:	<b>1961</b>
Season(s):	<b>unkn</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species:
Most abundant taxa collected (ascending order):
<b>Notgiven</b>
Abundance Measure:
How taxa are listed: <b>none</b>
Size measurements included? <b>No</b>

**Comments**

--

Record Number: 28 Cross-reference with record(s): 19,20,29

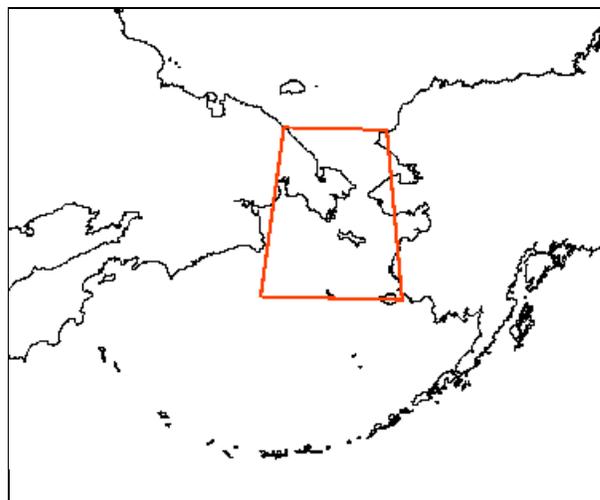
**Publication**

Author: Grebmeier Pub. Year: 1992

Pub.: USFWS (BERPAC, III)

Type: report Number of Authors: 1

Grebmeier, J.M. 1992. Benthic processes on the shallow continental shelf. Chapter 7.1, Pages 243-251 in, P.A. Nagel, editor, Results of the third joint US-USSR Bering & Chukchi seas expedition (BERPAC), summer 1988. U.S. Fish and Wildlife Service, Washington, DC.

**Location**

Southeast Corner (lat,lon): 60.00 -165.00

Northwest Corner (lat,lon): 69.00 -180.00

Sampling Area (km^2): 716 391.40

Sea: Ber/Chuk Region: north Bering, Chukchi

**Time**

Start Year: 1988

End Year: 1988

Season(s): summ

**Sampling Conducted**

Grab sampling: Yes

Trawl Sampling: No

Other sampling method: No

Grab Sample Size: 0.10

Width of Opening:

# Stations:

# Replicates/Station: 4

Mesh Size (mm):

# Stations Sampled: 102

Trawl Time (h):

# Stations Sampled:

Vessel: AkademikKo

**Data Availability**

Available in Benthic GIS Database: No

NODC Track Number(s):

**Data**

Number of Species:

Most abundant taxa collected (ascending order):

**Amphipod****Mollusk**

Abundance Measure: biomass

How taxa are listed: none

Size measurements included? No

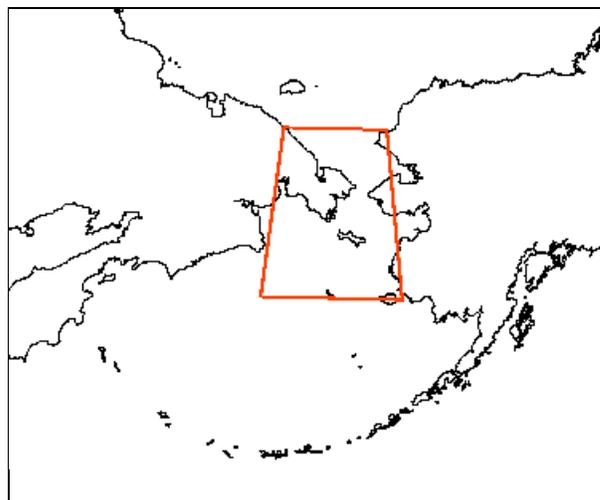
**Comments**

Record Number: 29 Cross-reference with record(s): 29,20,28

**Publication**

Author: **Sirenko** Pub. Year: **1992**  
 Pub.: **USFWS (BERPAC, III)**  
 Type: **report** Number of Authors: **2**

**Sirenko, B.I. and V.M. Koltun. 1992. Characteristics of benthic biocenoses of the Chukchi and Bering seas. Chapter 7.2, pages 251-258, in, P.A. Nagel editor, Results of the Third Joint US-USSR Bering & Chukchi seas expedition (BERPAC), summer 1988. US Fish and Wildlife Service, Washington, DC.**

**Location**Southeast Corner (lat,lon): **60.00 -165.00**Northwest Corner (lat,lon): **69.00 -180.00**Sampling Area (km^2): **716 391.40**Sea: **Ber/Chuk** Region: **norht Bering, Chukchi****Time**

Start Year: **1988**  
 End Year: **1988**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> Yes
Grab Sample Size: <b>0.10</b>	Width of Opening: <b>0.90</b>	# Stations:
# Replicates/Station: <b>2</b>	Mesh Size (mm): <b>1.00</b>	
# Stations Sampled: <b>111</b>	Trawl Time (h): <b>20.00</b>	
	# Stations Sampled: <b>48</b>	Vessel: <b>AdademicKo</b>

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Data**

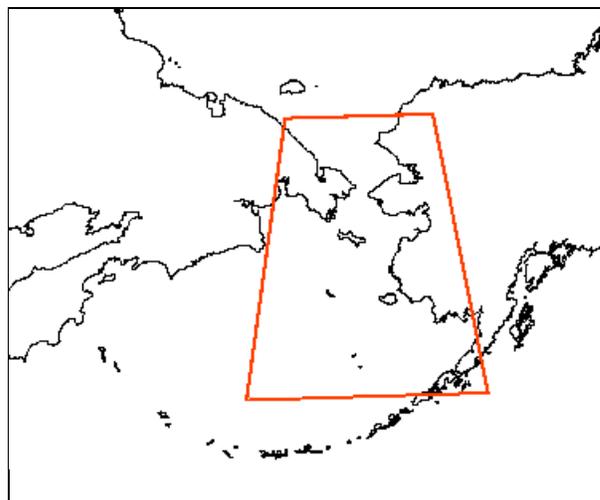
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Mollusk**      **Polychaete**      **Ophiuræ**  
 Abundance Measure: **biomass**  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

**Comments**

Record Number: 30 Cross-reference with record(s): 8,9,19,28,34

**Publication**Author: **NRC** Pub. Year: **1996**Pub.: **The Bering Sea Ecosystem**Type: **book** Number of Authors: **1**

**National Research Council. 1996. The Bering Sea ecosystem. National Academy Press, Washington, DC. 307 pages.**

**Location**Southeast Corner (lat,lon): **54.50 -158.00**Northwest Corner (lat,lon): **69.50 -180.00**Sampling Area (km^2): **1 886 413.00**Sea: **Bering** Region: **Bering Sea****Time**Start Year: **1963**End Year: **1995**Season(s): **multi****Sampling Conducted****Grab sampling:** No**Trawl Sampling:** No**Other sampling method:** No

Grab Sample Size:

Width of Opening:

# Stations:

# Replicates/Station:

Mesh Size (mm):

# Stations Sampled:

Trawl Time (h):

# Stations Sampled:

Vessel:

**Data Availability**Available in Benthic GIS Database: **No**

NODC Track Number(s):

**Data**

Number of Species:

Most abundant taxa collected (ascending order):

**Polychaete Amphipod Bivalve**

Abundance Measure:

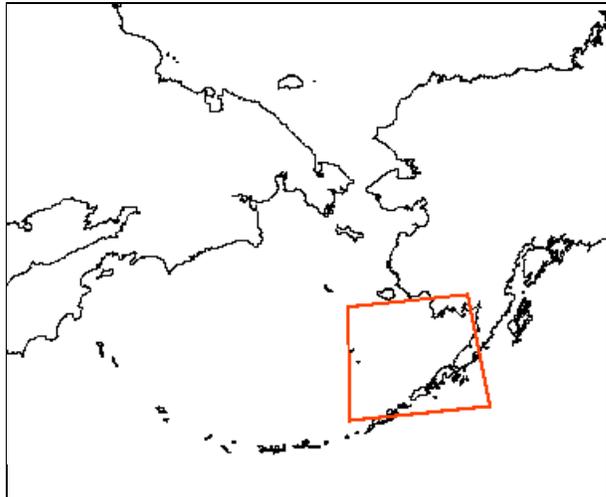
How taxa are listed: **none**Size measurements included? **No****Comments**

Record Number: 31 Cross-reference with record(s): 32

**Publication**

Author: <b>O'Clair</b>	Pub. Year: <b>1979</b>
Pub.: <b>OCSEAP Final Rep. 10</b>	
Type: <b>report</b>	Number of Authors: <b>6</b>
<b>O'Clair, C.E., J.L. Hanson, R.T. Myren, J.A. Gharrett, T.R. Merrell, Jr., and J.S. MacKinnon. 1979. Reconnaissance of intertidal communities in the eastern Bering Sea and the effects of ice-scour on community structure. Pages 109-339 in Environmental assessment of the Alaskan continental shelf, final reports of principal investigators. Volume 10. Biological studies.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>53.50 -160.00</b>
Northwest Corner (lat,lon):	<b>56.50 -167.00</b>
Sampling Area (km^2):	<b>265 558.10</b>
Sea: <b>Bering</b>	Region: <b>Bristol Bay, Pribilofs</b>

**Time**

Start Year:	<b>1975</b>
End Year:	<b>1976</b>
Season(s):	<b>summ</b>

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations: 296
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species:	
Most abundant taxa collected (ascending order):	
<b>Bivalves</b>	<b>Polychaete</b>
Abundance Measure:	<b>biomass</b>
How taxa are listed:	<b>table-part</b>
Size measurements included?	<b>No</b>

**Comments**

--

Record Number: 32 Cross-reference with record(s): 31

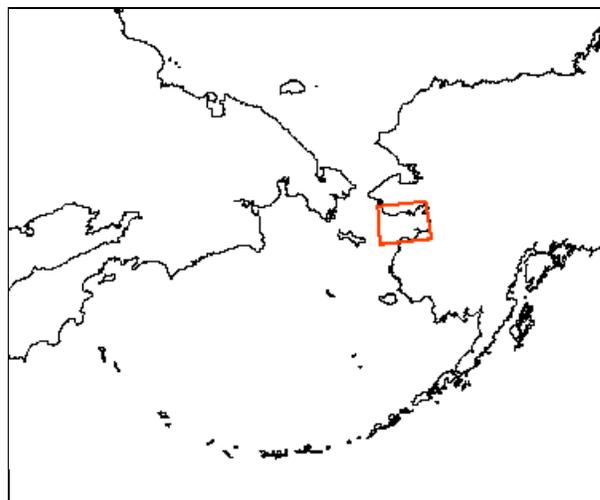
**Publication**

Author: **O'Clair** Pub. Year: **1979**  
 Pub.: **EAAC Final Rep. Vol. 10**  
 Type: **report** Number of Authors: **6**

**O'Clair, C.E., J.L. Hanson, R.T. Myren, J.A. Gharrett, T.R. Merrell, Jr., and J.S. MacKinnon. 1979. Reconnaissance of intertidal communities in the eastern Bering Sea and the effects of ice-scour on community structure. Pages 109-339 in Environmental assessment of the Alaskan continental shelf, final reports of principal investigators. Volume 10. Biological studies.**

**Time**

Start Year: **1976**  
 End Year: **1976**  
 Season(s): **summ**

**Location**Southeast Corner (lat,lon): **63.00 -161.00**Northwest Corner (lat,lon): **65.00 -167.00**Sampling Area (km^2): **65 369.28**Sea: **Bering** Region: **Norton Sound****Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations: 123
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Comments****Data**

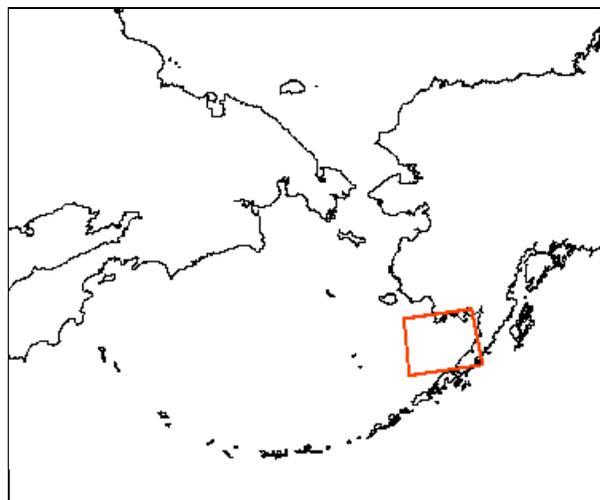
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Polychaete Oligochaet Bivalve**  
 Abundance Measure: **biomass**  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

Record Number: 33 Cross-reference with record(s): 13,42,43,44

**Publication**

Author: **Gusey** Pub. Year: **1979**  
 Pub.: **Fish & Wild. Res., S. Ber. Sea Reg.**  
 Type: **report** Number of Authors: **1**

**Gusey, W.F. 1979. The fish and wildlife resources of the southern Bering Sea region. Shell Oil Company, Environmental Affairs, Houston, Texas.**

**Location**Southeast Corner (lat,lon): **56.00 -158.00**Northwest Corner (lat,lon): **59.00 -165.00**Sampling Area (km^2): **139 950.20**Sea: **Bering** Region: **southern Bering Sea****Time**

Start Year: **1977**  
 End Year: **1977**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	
	# Stations Sampled:	Vessel: <b>Smaragd</b>

**Data Availability**

Available in Benthic GIS Database: **Unk**  
 NODC Track Number(s):

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Bivalves**  
 Abundance Measure: **biomass**  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

**Comments**

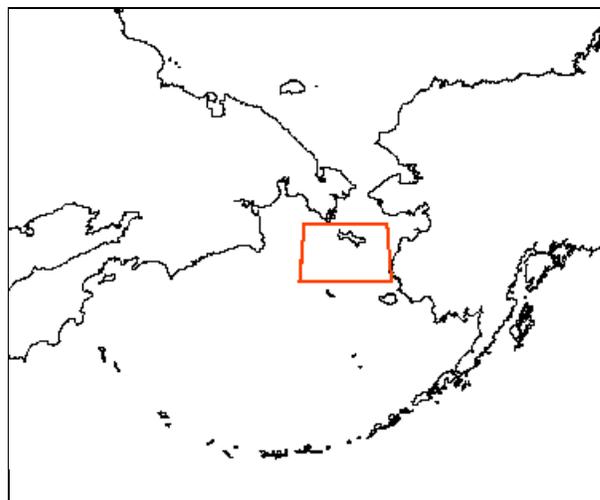
Record Number: **34** Cross-reference with record(s): **54****Publication**

Author: **Grebmeier** Pub. Year: **1995**  
 Pub.: **Arctic Ocean.: Marginal Ice Zones..**  
 Type: **book** Number of Authors: **3**

**Grebmeier, J.M., W.O. Smith, and R.J. Conover. 1995. Biological processes on arctic continental shelves: ice-ocean-biotic interactions. Pages 231-261 in, Smith and Grebmeier editors. Arctic Oceanography: marginal ice zones and continental shelves. Coastal and Estuarine studies, vol. 49. American Geophysical Union, Washington, DC.**

**Time**

Start Year: **1990**  
 End Year: **1990**  
 Season(s): **summ**

**Location**Southeast Corner (lat,lon): **61.00 -166.00**Northwest Corner (lat,lon): **64.00 -176.00**Sampling Area (km^2): **171 661.20**Sea: **Bering** Region: **south St. Lawrence****Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Comments****Data**

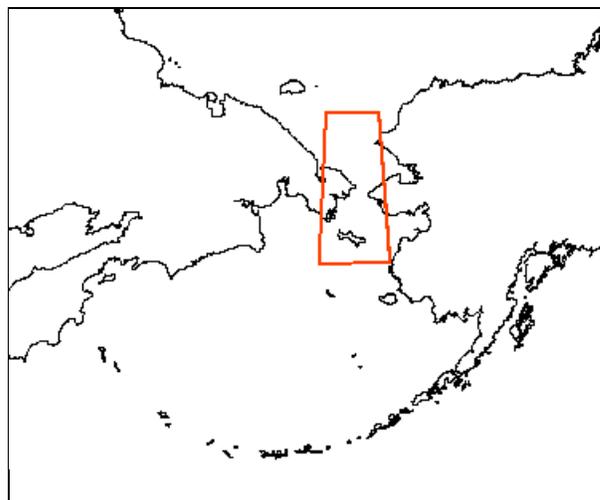
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Notgiven**  
 Abundance Measure: **biomass**  
 How taxa are listed: **none**  
 Size measurements included? **No**

Record Number: 35 Cross-reference with record(s): 49,50,51

**Publication**

Author: **Grebmeier** Pub. Year: **1987**  
 Pub.: **Ecology of Benthic Carbon Cycling**  
 Type: **thesis** Number of Authors: **1**

**Grebmeier, J.M. 1987. The ecology of benthic carbon cycling in the northern Bering and Chukchi seas. PhD. Thesis, Univ. Alaska, Fairbanks. 189pp.**

**Location**Southeast Corner (lat,lon): **62.00 -166.00**Northwest Corner (lat,lon): **70.00 -174.00**Sampling Area (km^2): **322 990.70**Sea: **Ber/Chuk** Region: **n. Bering, s. Chukchi****Time**

Start Year: **1984**  
 End Year: **1986**  
 Season(s): **su/fa**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>4</b>	Mesh Size (mm):	
# Stations Sampled: <b>43</b>	Trawl Time (h):	
	# Stations Sampled:	Vessel: <b>AlphaHelix</b>

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
 Abundance Measure: **biomass**  
 How taxa are listed: **append-all**  
 Size measurements included? **No**

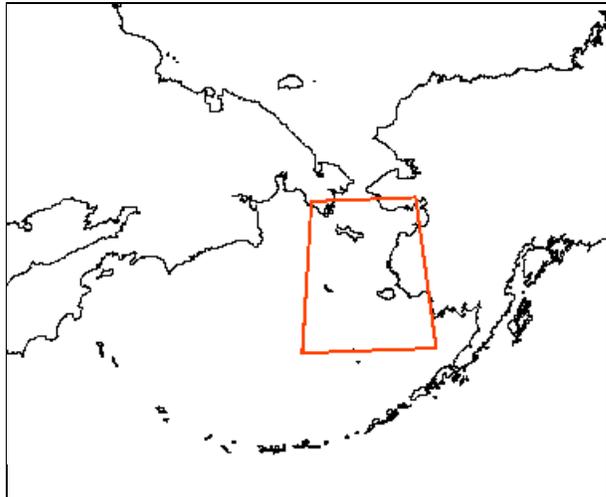
**Comments**

Record Number: 36 Cross-reference with record(s): 7,8,37

**Publication**

Author: <b>Stoker</b>	Pub. Year: <b>1973</b>
Pub.: <b>Winter Studies of Under-Ice Benthos</b>	
Type: <b>thesis</b>	Number of Authors: <b>1</b>
<b>Stoker, S.W. 1973. Winter studies of under-ice benthos on the continental shelf of the northeastern Bering Sea. MS thesis, Univ. Alaska, Fairbanks, 60pp.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>57.00 -162.00</b>
Northwest Corner (lat,lon):	<b>65.00 -175.00</b>
Sampling Area (km^2):	<b>622 538.60</b>
Sea: <b>Bering</b>	Region: <b>northeast Bering</b>

**Time**

Start Year:	<b>1970</b>
End Year:	<b>1970</b>
Season(s):	<b>winte</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>27</b>	Trawl Time (h):	Vessel: <b>Northwind</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species: <b>98</b>
Most abundant taxa collected (ascending order):
<b>Mollusk                      Annelid                      Echinoderm</b>
Abundance Measure: <b>biomass</b>
How taxa are listed: <b>table-all</b>
Size measurements included? <b>No</b>

**Comments**

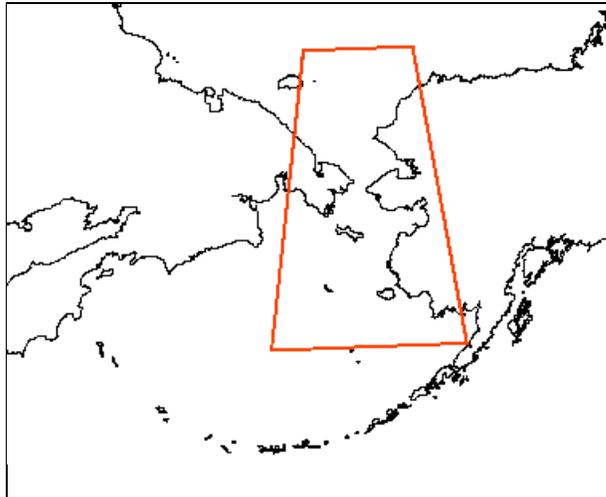
--

Record Number: 37 Cross-reference with record(s): 7,8,36

**Publication**

Author: <b>Stoker</b>	Pub. Year: <b>1978</b>
Pub.: <b>Benthic Invert. Macrofauna</b>	
Type: <b>thesis</b>	Number of Authors: <b>1</b>
<b>Stoker, S.W. 1978. Benthic invertebrate macrofauna of the eastern continental shelf of the Bering and Chukchi seas. Ph.D. Thesis, Univ. Alaska, Fairbanks. 259pp.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>57.00 -159.00</b>
Northwest Corner (lat,lon):	<b>73.00 -178.00</b>
Sampling Area (km^2):	<b>1 571 907.00</b>
Sea: <b>Ber/Chuk</b>	Region: <b>east Bering, Chukchi</b>

**Time**

Start Year:	<b>1970</b>
End Year:	<b>1974</b>
Season(s):	<b>multi</b>

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening: <b>3.00</b>	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>176</b>	Trawl Time (h): <b>20.00</b>	Vessel: <b>multi</b>
	# Stations Sampled: <b>33</b>	

**Data Availability**

Available in Benthic GIS Database: <b>Unk</b>
NODC Track Number(s):

**Data**

Number of Species: <b>472</b>
Most abundant taxa collected (ascending order):
<b>Polychaete      Bivalve      Gastropod</b>
Abundance Measure: <b>freq occur</b>
How taxa are listed: <b>append-all</b>
Size measurements included? <b>No</b>

**Comments**

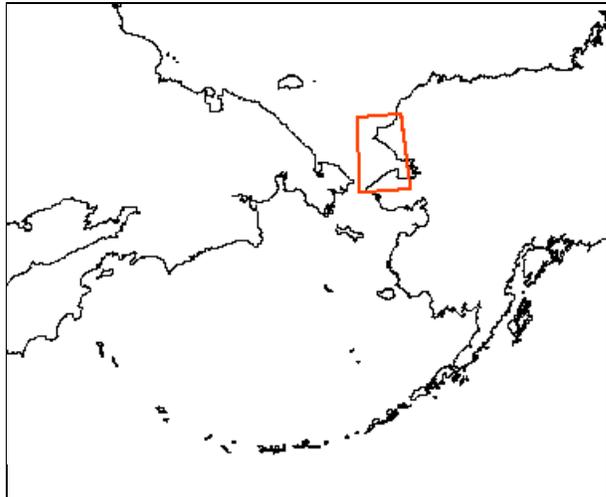
<b>Northwind, Glacier, Burt. Isl., Acona, Alpha Helix</b>
---

Record Number: 38

**Publication**

Author: <b>Sparks</b>	Pub. Year: <b>1966</b>
Pub.: <b>Environment of Cape Thompson</b>	
Type: <b>book</b>	Number of Authors: <b>2</b>
<p><b>Sparks, A.K., and W.T. Pereyra. 1966. Benthic invertebrates of the southeastern Chukchi Sea. Chapter 29, pages 817-838 in N.J. Wilimovsky and J. N. Wolfe editors, Environment of the Cape Thompson region, Alaska. U.S. Atomic Energy Commission, Oak Ridge, Tennessee.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>65.50 -164.00</b>
Northwest Corner (lat,lon):	<b>69.50 -169.00</b>
Sampling Area (km^2):	<b>123 688.90</b>
Sea: <b>Chukchi</b>	Region: <b>se Chukchi</b>

**Time**

Start Year:	<b>1959</b>
End Year:	<b>1959</b>
Season(s):	<b>summ</b>

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations: 36
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h): <b>30.00</b>	Vessel: <b>JohnCobb</b>
	# Stations Sampled: <b>59</b>	

**Data Availability**

Available in Benthic GIS Database: <b>No</b>
NODC Track Number(s):

**Data**

Number of Species:
Most abundant taxa collected (ascending order):
Abundance Measure: <b>freq occur</b>
How taxa are listed: <b>table-all</b>
Size measurements included? <b>No</b>

**Comments**

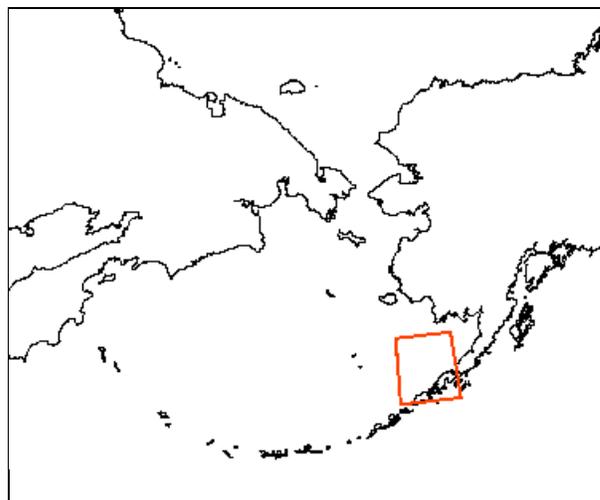
--

Record Number: 39

**Publication**

Author: **McLaughlin** Pub. Year: **1963**  
 Pub.: **Spec. Scientific Rep.--Fish. # 401**  
 Type: **report** Number of Authors: **1**

**McLaughlin, P.A. 1963. Survey of the benthic invertebrate fauna of the eastern Bering Sea. U.S. Fish and Wildlife Service Special Scientific Report-Fisheries No. 401.**

**Location**

Southeast Corner (lat,lon): **54.50 -160.50**

Northwest Corner (lat,lon): **58.00 -166.00**

Sampling Area (km<sup>2</sup>): **132 702.40**

Sea: **Bering** Region: **se Bering**

**Time**

Start Year: **1958**  
 End Year: **1959**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h): <b>60.00</b>	Vessel: <b>Tordenskjo</b>
	# Stations Sampled: <b>75</b>	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
 Abundance Measure:  
 How taxa are listed: **append-all**  
 Size measurements included? **No**

**Comments**

Record Number: 40

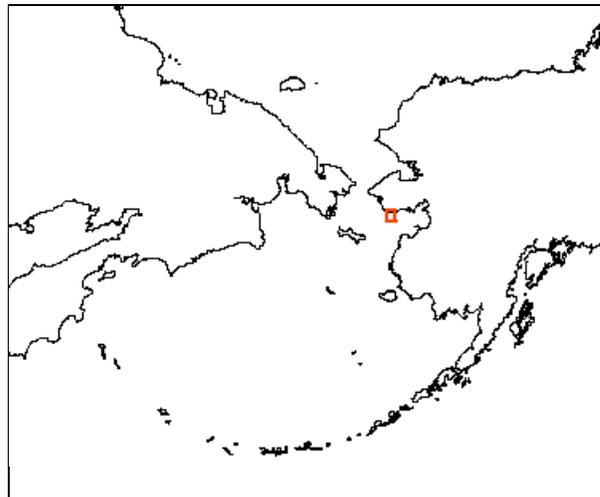
**Publication**

Author: **Feder** Pub. Year: **1974**  
 Pub.: **Institute Marine Science Rep. 74-3**  
 Type: **report** Number of Authors: **2**

**Feder, H.M, and G.J. Mueller. 1974. Chapter IV. Biological studies. Pages 31-85 in Hood, Fisher, Nebert, Feder, Mueller, Burrell, Boisseau, Goering, Sharma, Kresge, and Fison Editors, Environmental study of the marine environment near Nome, Alaska. IMS Report 74-3, Sea Grant Report 73-14. Institute of Marine Science, Institute of Social, Economic, and Government Research, University of Alaska, Fairbanks.**

**Time**

Start Year: **1973**  
 End Year: **1973**  
 Season(s): **su/fa**

**Location**

Southeast Corner (lat,lon): **64.00 -165.00**

Northwest Corner (lat,lon): **65.00 -166.00**

Sampling Area (km^2): **3 237.94**

Sea: **Bering** Region: **Norton Sound**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> Yes
Grab Sample Size: <b>0.10</b>	Width of Opening: <b>3.70</b>	# Stations: <b>4</b>
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>5</b>	Trawl Time (h): <b>10.00</b>	Vessel: <b>Acona/AIHe</b>
	# Stations Sampled: <b>7</b>	

**Data Availability**

Available in Benthic GIS Database: **Unk**  
 NODC Track Number(s):

**Comments****Data**

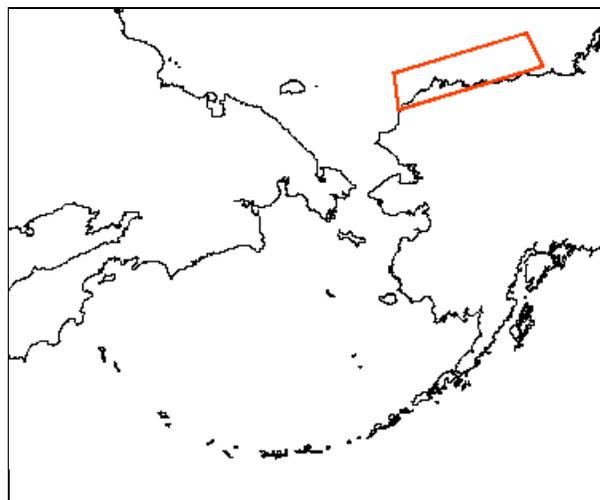
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Echinoderm Polychaete**  
 Abundance Measure: **biomass**  
 How taxa are listed: **table-all**  
 Size measurements included? **No**

Record Number: 41

**Publication**

Author: **Frost** Pub. Year: **1983**  
 Pub.: **Institute Marine Sci. Rep. 74-3**  
 Type: **report** Number of Authors: **2**

**Frost, K.J., and Lowry, L.F. 1983. Demersal fishes and invertebrates trawled in the northeastern Chukchi and western Beaufort seas, 1976-77. NOAA Technical Report NMFS SSRF-764. U.S. Dept. of Commerce, NOAA, NMFS.**

**Location**

Southeast Corner (lat,lon): **70.00 -140.00**

Northwest Corner (lat,lon): **72.00 -163.00**

Sampling Area (km^2): **182 866.30**

Sea: **Chuk/Beau** Region: **ne Chukchi, w Beaufort**

**Time**

Start Year: **1976**  
 End Year: **1977**  
 Season(s): **su/fa**

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening: <b>5.00</b>	# Stations:
# Replicates/Station:	Mesh Size (mm): <b>32.00</b>	
# Stations Sampled:	Trawl Time (h): <b>10.00</b>	Vessel:
	# Stations Sampled: <b>35</b>	

**Data Availability**

Available in Benthic GIS Database: **Unk**  
 NODC Track Number(s):

**Data**

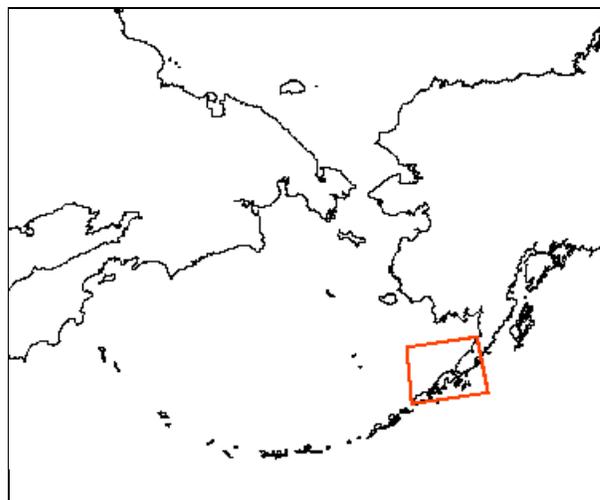
Number of Species: **238**  
 Most abundant taxa collected (ascending order):  
**Gastropod Amphipod Polychaet**  
 Abundance Measure: **freq occur**  
 How taxa are listed: **append-all**  
 Size measurements included? **No**

**Comments**

Record Number: **42** Cross-reference with record(s): **13,33,43,44****Publication**

Author: **Feder** Pub. Year: **1978**  
 Pub.: **NOAA Technical Report NMFS SSRF-764**  
 Type: **report** Number of Authors: **3**

**Feder, H.M., A.J. Paul, and J.M. Paul. 1978. The pinkneck clam *Spisula polynyma* in the eastern Bering Sea, growth, mortality, recruitment, and size at maturity. Sea Grant Report 78-2, IMS Report R78-2, Institute of Marine Sciences, University of Alaska, Fairbanks.**

**Location**Southeast Corner (lat,lon): **54.50 -158.00**Northwest Corner (lat,lon): **57.50 -165.00**Sampling Area (km^2): **145 605.20**Sea: **Bering** Region: **north Alaska Peninsula****Time**

Start Year: **1977**  
 End Year: **1977**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations: 3
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel: <b>Smaragd</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **Unk**  
 NODC Track Number(s):

**Data**

Number of Species: **1**  
 Most abundant taxa collected (ascending order):  
**Pinkneck Spisula**  
 Abundance Measure:  
 How taxa are listed:  
 Size measurements included? **Yes**

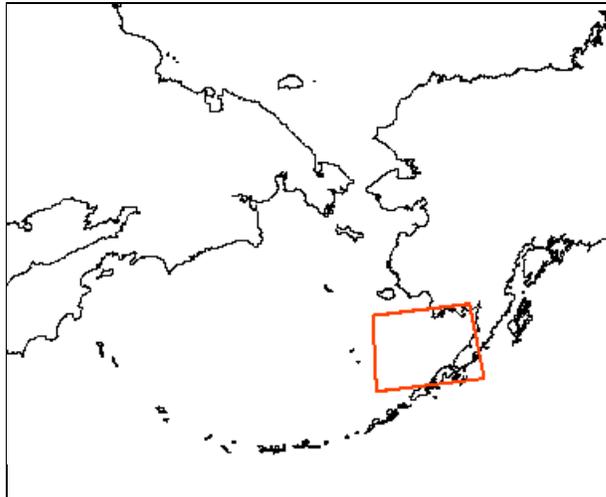
**Comments**

Record Number: 43 Cross-reference with record(s): 13,33,42,44

**Publication**

Author: <b>Hughes</b>	Pub. Year: <b>1977</b>
Pub.: <b>NWAFRC Processed Report</b>	
Type: <b>report</b>	Number of Authors: <b>3</b>
<p><b>Hughes, S.E., R.W. Nelson, and R. Nelson. 1977. Initial Assessments of the distribution, abundance, and quality of subtidal clams in the s.e. Bering Sea. Northwest &amp; Alaska Fisheries Center Processed Report, U.S. Dept. of Commerce, NOAA, NMFS, Seattle, Washington.</b></p>	

**Location**

	
Southeast Corner (lat,lon):	<b>55.00 -158.00</b>
Northwest Corner (lat,lon):	<b>59.00 -168.00</b>
Sampling Area (km^2):	<b>269 638.10</b>
Sea: <b>Bering</b>	Region: <b>se Bering/Bristol Bay</b>

**Time**

Start Year:	<b>1977</b>
End Year:	<b>1977</b>
Season(s):	<b>summ</b>

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations: 66
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel: <b>Smaragd</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: <b>Unk</b>
NODC Track Number(s):

**Data**

Number of Species:	
Most abundant taxa collected (ascending order):	
<b>Spisula</b>	<b>Tellin</b> <b>Serripes</b>
Abundance Measure:	<b>freq occur</b>
How taxa are listed:	<b>append-all</b>
Size measurements included?	<b>Yes</b>

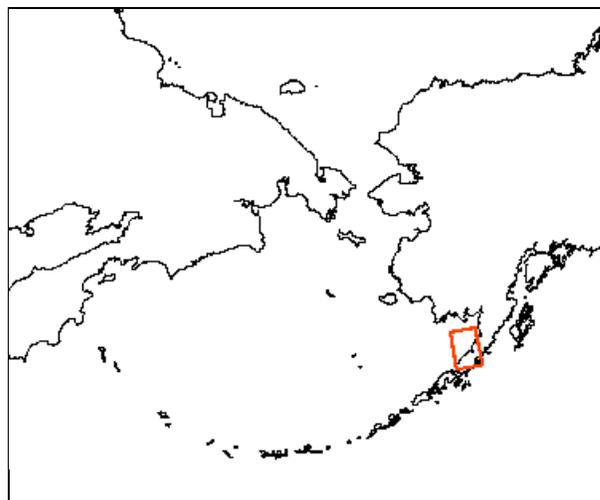
**Comments**

--

Record Number: **44** Cross-reference with record(s): **13,33,42,43****Publication**

Author: **Hughes** Pub. Year: **1979**  
 Pub.: **NWAFRC Processed Report 79-4**  
 Type: **report** Number of Authors: **2**

**Hughes, S.E., and R.W. Nelson. 1979. Distribution, abundance, quality, and production fishing studies on the surf clam, *Spisula polynyma*, in the southeastern Bering Sea, 1978. NWAFRC Processed Report 79-4, U.S. Dept. of Commerce, NOAA, NMFS, Seattle, Washington.**

**Location**Southeast Corner (lat,lon): **56.00 -158.00**Northwest Corner (lat,lon): **58.00 -160.50**Sampling Area (km^2): **33 829.88**Sea: **Bering** Region: **north Alaska Peninsula****Time**

Start Year: **1978**  
 End Year: **1978**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> Yes
Grab Sample Size:	Width of Opening:	# Stations: 13
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel: <b>SeaHawk</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **Unk**  
 NODC Track Number(s):

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Spisula**      **Tellin**      **Serripes**  
 Abundance Measure: **freq occur**  
 How taxa are listed: **no**  
 Size measurements included? **Yes**

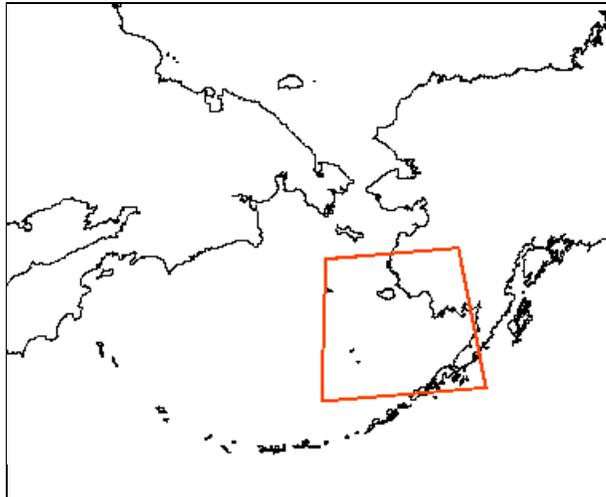
**Comments**

Record Number: 45 Cross-reference with record(s): 14,17

**Publication**

Author: <b>MacIntosh</b>	Pub. Year: <b>1980</b>
Pub.: <b>Marine Fisheries Review 42(5):15-20</b>	
Type: <b>journal</b>	Number of Authors: <b>1</b>
<b>MacIntosh, R.A. 1980. The snail resource of the eastern Bering Sea and its fishery. Marine Fisheries Review 42(5):15-20.</b>	

**Location**

	
Southeast Corner (lat,lon):	<b>54.50 -158.00</b>
Northwest Corner (lat,lon):	<b>62.00 -173.00</b>
Sampling Area (km^2):	<b>729 044.30</b>
Sea: <b>Bering</b>	Region: <b>Bering</b>

**Time**

Start Year:	<b>1975</b>
End Year:	<b>1975</b>
Season(s):	<b>su/fa</b>

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: <b>Unk</b>
NODC Track Number(s):

**Data**

Number of Species:	
Most abundant taxa collected (ascending order):	
<b>Neptunea</b>	<b>Buccinum</b>
Abundance Measure:	<b>freq occur</b>
How taxa are listed:	<b>table-part</b>
Size measurements included?	<b>Yes</b>

**Comments**

--

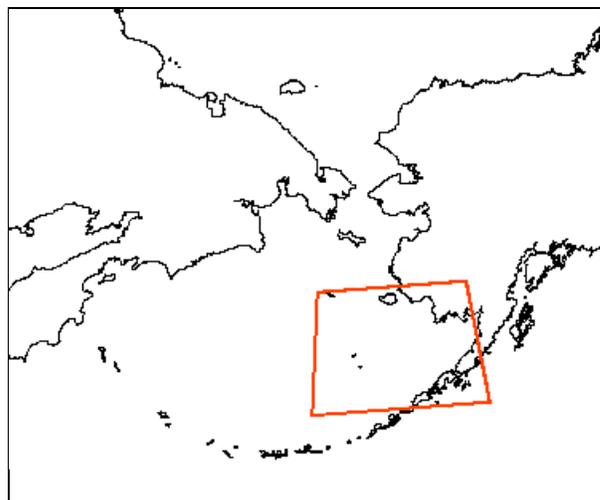
Record Number: **46** Cross-reference with record(s): **9,10,12,47****Publication**

Author: **Feder** Pub. Year: **1977**  
 Pub.: **EA of Alaskan Cont. Shelf, Ann. Rep**  
 Type: **report** Number of Authors: **7**

**Feder, H.M, K. Haflinger, J. Hilsinger, M. Hoberg, S. Jewett, G. Matheke, and G. Mueller. 1977. The distribution, abundance, diversity, and biology of benthic organisms in the Gulf of Alaska and the Bering Sea. Pages 366-712 in, Environmental assessment of the Alaskan continental shelf, annual reports of principal investigators for the year ending March 1977, volume VIII. Receptors--fish, littoral, benthos. U.S. Dept. of Commerce, NOAA, U.S. Dept. of Interior, BLM, Outer Continental Shelf Environmental Assessment Program, Boulder, Colorado.**

**Time**

Start Year: **1975**  
 End Year: **1976**  
 Season(s): **sp-fa**

**Location**Southeast Corner (lat,lon): **54.00 -158.00**Northwest Corner (lat,lon): **60.50 -174.00**Sampling Area (km^2): **692 033.40**Sea: **Bering** Region: **se Bering/Bristol Bay****Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> Yes
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>59</b>	Trawl Time (h):	Vessel: <b>Disc/MFree</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **Yes**  
 NODC Track Number(s): **TR3268**

**Comments**

**other trackno possible TR2111 and TR3269**

**Data**

Number of Species: **643**  
 Most abundant taxa collected (ascending order):  
**Annelida**      **Arthropoda**      **Mollusca**  
 Abundance Measure:      **n species**  
 How taxa are listed:      **table-all**  
 Size measurements included? **No**

Record Number: 47 Cross-reference with record(s): 9,10,12,46

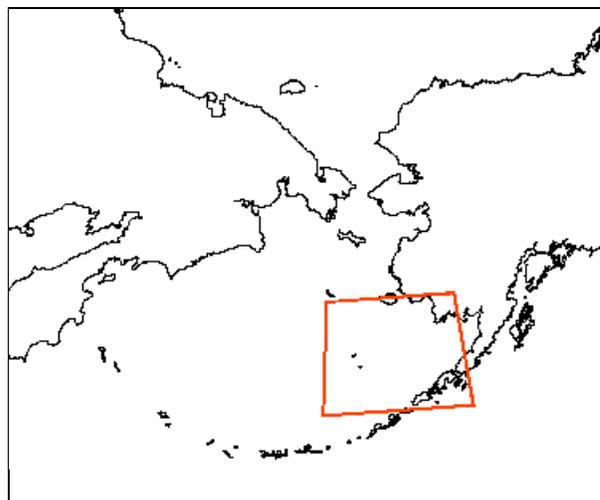
**Publication**

Author: **Feder** Pub. Year: **1978**  
 Pub.: EA of Alaskan Cont. Shelf, Ann. Rep  
 Type: **report** Number of Authors: **5**

**Feder, H.M., J. Hilsinger, M. Hoberg, S. Jewett, J. Rose. 1978. Survey of the epifaunal invertebrates of the southeastern Bering Sea. Pages 1-126 in, Environmental assessment of the Alaskan continental shelf, annual reports of principal investigators for the year ending March 1978, volume IV. Receptors--fish, littoral, benthos. U.S. Dept. of Commerce, NOAA, U.S. Dept. of Interior, BLM, Outer Continental Shelf Environmental Assessment Program, Boulder, Colorado.**

**Time**

Start Year: **1975**  
 End Year: **1976**  
 Season(s): **sp-fa**

**Location**Southeast Corner (lat,lon): **54.00 -159.50**Northwest Corner (lat,lon): **60.00 -173.00**Sampling Area (km^2): **544 174.00**Sea: **Bering** Region: **se Bering****Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h): <b>30.00</b>	Vessel: <b>MFreeman</b>
	# Stations Sampled: <b>264</b>	

**Data Availability**

Available in Benthic GIS Database: **Yes**  
 NODC Track Number(s): **TR2111**

**Comments**

**other trackno possible TR3268 and TR3269**

**Data**

Number of Species: **233**  
 Most abundant taxa collected (ascending order):  
**Arthropod Echinoderm Chordate**  
 Abundance Measure: **biomass**  
 How taxa are listed: **table-all**  
 Size measurements included? **No**

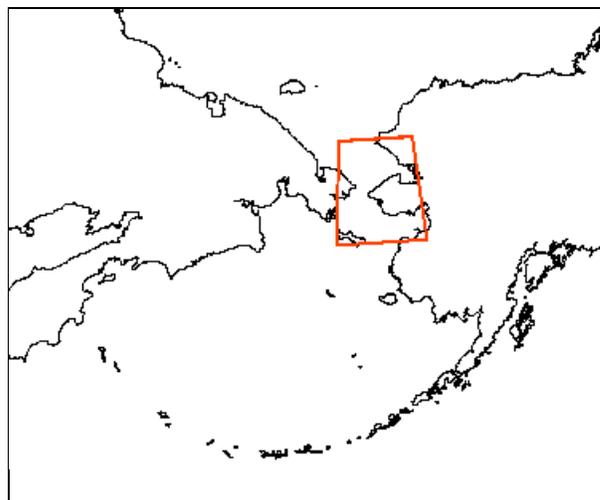
Record Number: **48** Cross-reference with record(s): **6,11****Publication**

Author: **Wolotira** Pub. Year: **1977**  
 Pub.: **NWAFRC Processed Report**  
 Type: **report** Number of Authors: **3**

**Wolotira, R.J., T.M. Sample, and M. Morin, Jr. 1977. Demersal fish and shellfish resources of Norton Sound, the southeastern Chukchi Sea, and adjacent waters in the baseline year 1976. Northwest and Alaska Fisheries Center Processed Report October 1977, U.S. Dept. of Commerce, NOAA, NMFS, Seattle, Washington.**

**Time**

Start Year: **1976**  
 End Year: **1976**  
 Season(s):

**Location**Southeast Corner (lat,lon): **63.00 -161.50**Northwest Corner (lat,lon): **68.50 -172.00**Sampling Area (km^2): **293 908.40**Sea: **Ber/Chuk** Region: **Norton Basin, Hope****Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm): <b>32.00</b>	
# Stations Sampled:	Trawl Time (h): <b>30.00</b>	
	# Stations Sampled: <b>192</b>	Vessel: <b>MFreeman</b>

**Data Availability**

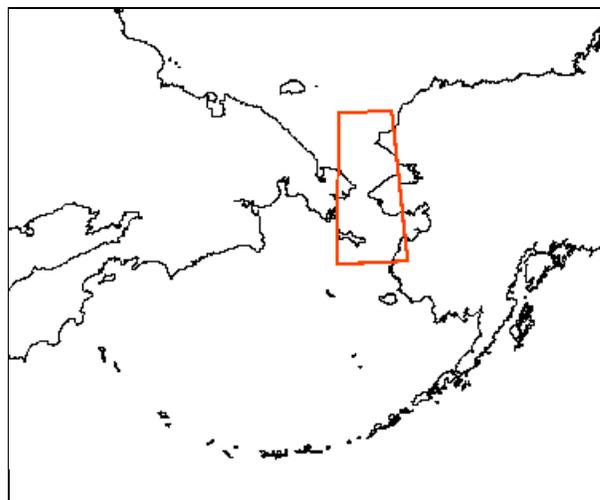
Available in Benthic GIS Database: **Maybe**  
 NODC Track Number(s):

**Comments****Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Starfish**      **Snails**      **Shrimp**  
 Abundance Measure: **biomass**  
 How taxa are listed: **table-all**  
 Size measurements included? **No**

Record Number: **49** Cross-reference with record(s): **35,50,51****Publication**Author: **Grebmeier** Pub. Year: **1988**Pub.: **Marine Ecology Prog. Ser. 48:57-67**Type: **journal** Number of Authors: **3**

**Grebmeier, J.M., C.P. McRoy, and H.M. Feder. 1988. Pelagic-benthic coupling on the shelf of the northern Bering and Chukchi seas. I. Food supply source and benthic biomass. Marine Ecology Progress Series 48:57-67.**

**Location**Southeast Corner (lat,lon): **62.00 -164.00**Northwest Corner (lat,lon): **70.00 -172.00**Sampling Area (km^2): **322 990.70**Sea: **Ber/Chuk** Region: **n. Bering, s. Chukchi****Time**Start Year: **1984**End Year: **1986**Season(s): **summ****Sampling Conducted****Grab sampling:** Yes**Trawl Sampling:** No**Other sampling method:** NoGrab Sample Size: **0.10**

Width of Opening:

# Stations:

# Replicates/Station: **4**

Mesh Size (mm):

# Stations Sampled: **88**

Trawl Time (h):

# Stations Sampled:

Vessel: **AlphaHelix****Data Availability**Available in Benthic GIS Database: **No**

NODC Track Number(s):

**Data**

Number of Species:

Most abundant taxa collected (ascending order):

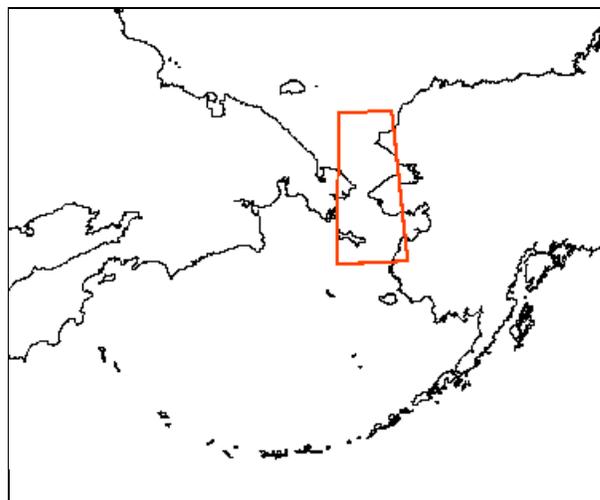
Abundance Measure:

How taxa are listed: **none**Size measurements included? **No****Comments**

Record Number: **50** Cross-reference with record(s): **35,49,51****Publication**

Author: **Grebmeier** Pub. Year: **1989**  
 Pub.: **Marine Ecol. Prog. Ser. 51:253-268**  
 Type: **journal** Number of Authors: **3**

**Grebmeier, J.M., H.M. Feder, C. P. McRoy. 1989. Pelagic-benthic coupling on the shelf of the northern Bering and Chukchi seas. II. Benthic community structure. Marine Ecology Progress Series 51:253-268.**

**Location**Southeast Corner (lat,lon): **62.00 -164.00**Northwest Corner (lat,lon): **70.00 -172.00**Sampling Area (km^2): **322 990.70**Sea: **Ber/Chuk** Region: **n. Bering, s. Chukchi****Time**

Start Year: **1984**  
 End Year: **1986**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>4</b>	Mesh Size (mm):	
# Stations Sampled: <b>49</b>	Trawl Time (h):	
	# Stations Sampled:	Vessel: <b>AlphaHelix</b>

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Bivalve**      **Echinoderm**      **Polychaete**  
 Abundance Measure: **biomass**  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

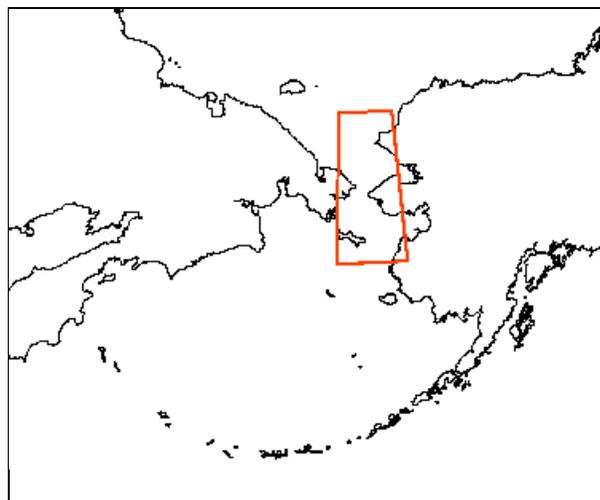
**Comments**

Record Number: 51 Cross-reference with record(s): 35,49,50

**Publication**

Author: **Grebmeier** Pub. Year: **1989**  
 Pub.: **Marine Ecology Prog. Ser. 53:79-91**  
 Type: **journal** Number of Authors: **2**

**Grebmeier, J.M., and C.P. McRoy. 1989. Pelagic-benthic coupling on the shelf of the northern Bering and Chukchi seas. III. Benthic food supply and carbon cycling. Marine Ecology Progress Series 53:79-91.**

**Location**Southeast Corner (lat,lon): **62.00 -164.00**Northwest Corner (lat,lon): **70.00 -172.00**Sampling Area (km^2): **322 990.70**Sea: **Ber/Chuk** Region: **n. Bering, s. Chukchi****Time**

Start Year: **1984**  
 End Year: **1986**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>4</b>	Mesh Size (mm):	
# Stations Sampled: <b>61</b>	Trawl Time (h):	Vessel: <b>AlphaHelix</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
 Abundance Measure:  
 How taxa are listed: **none**  
 Size measurements included? **No**

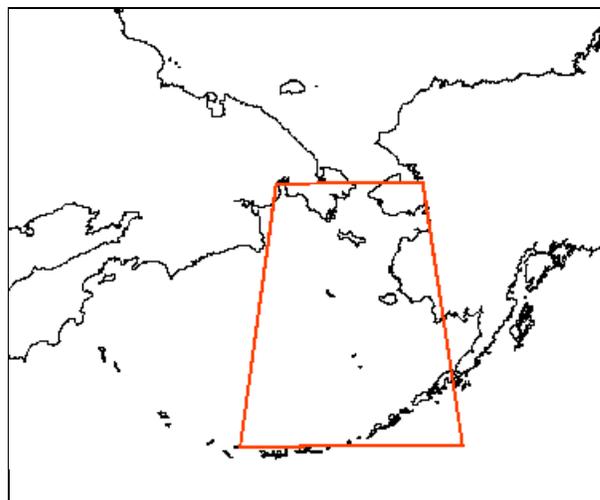
**Comments**

Record Number: 52 Cross-reference with record(s): 5,21,56

**Publication**

Author: **Houghton** Pub. Year: **1987**  
 Pub.: **OCS Study, MMS 87-0048, Workshop Pr**  
 Type: **report** Number of Authors: **4**

**Houghton, J.P., W.M. Blaylock, J.E. Zeh, and D.A. Segar. 1987. Bering Sea monitoring program, proceedings of a workshop (January 1987) and sampling design recommendations. OCS Study MMS 87-0048, 124 pp.**

**Location**Southeast Corner (lat,lon): **52.00 -161.00**Northwest Corner (lat,lon): **66.00 -180.00**Sampling Area (km^2): **1 675 619.00**Sea: **Bering** Region: **eastern Bering****Time**

Start Year: **1979**  
 End Year: **1982**  
 Season(s): **sp-fa**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening:	# Stations:
# Replicates/Station:	Mesh Size (mm):	
# Stations Sampled:	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **Yes**  
 NODC Track Number(s): **TT1798 TT1799**

**Comments****Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Notgiven**  
 Abundance Measure:  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

Record Number: 53

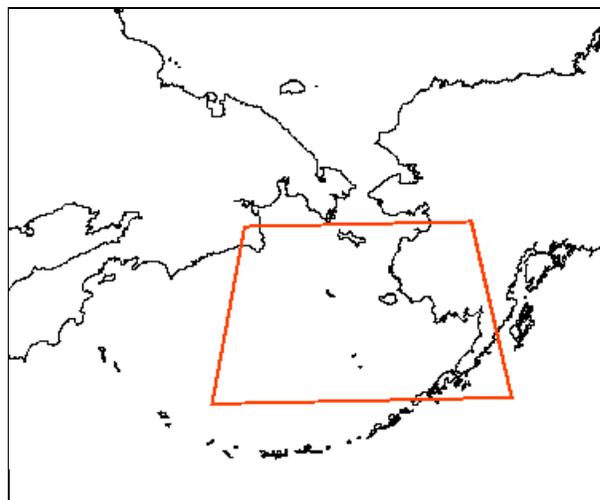
**Publication**

Author: **Goddard** Pub. Year: **1993**  
 Pub.: **AFSC Processed Report 93-15**  
 Type: **report** Number of Authors: **2**

**Goddard, P., and M. Zimmerman. Distribution, abundance, and biological characteristics of groundfish in the eastern Bering Sea based on results of the U.S. bottom trawl survey during June-September 1991. AFSC Processed Report 93-15. Alaska Fisheries Science Center, National Marine Fisheries Service, US Dept. of Commerce. 324 pp.**

**Time**

Start Year: **1991**  
 End Year: **1991**  
 Season(s): **su/fa**

**Location**

Southeast Corner (lat,lon): **54.00 -156.00**

Northwest Corner (lat,lon): **63.50 177.00**

Sampling Area (km^2): **1 607 018.00**

Sea: **Bering** Region: **eastern Bering**

**Sampling Conducted**

<b>Grab sampling:</b> No	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size:	Width of Opening: <b>15.00</b>	# Stations:
# Replicates/Station:	Mesh Size (mm): <b>32.00</b>	
# Stations Sampled:	Trawl Time (h): <b>30.00</b>	Vessel: <b>multi</b>
	# Stations Sampled: <b>574</b>	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Comments**

**Miller Freeman, Alaska, Ocean Hope 3**

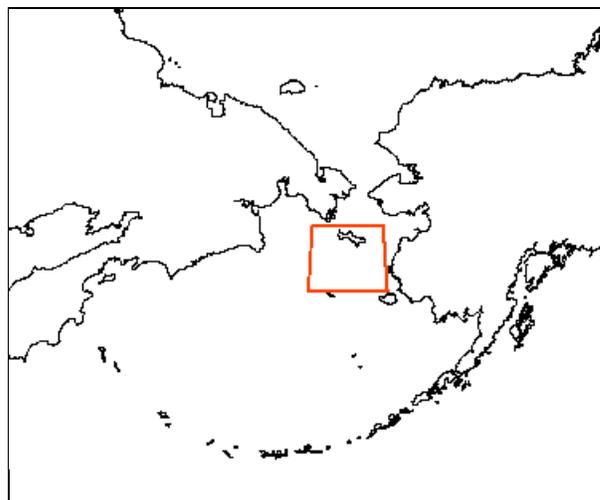
**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Northshrim Sideshrimp Kingcrab**  
 Abundance Measure: **biomass**  
 How taxa are listed: **append-all**  
 Size measurements included? **No**

Record Number: **54** Cross-reference with record(s): **34****Publication**

Author: **Grebmeier** Pub. Year: **1995**  
 Pub.: **J. Geophysical Res., 100:4439-4460**  
 Type: **journal** Number of Authors: **2**

**Grebmeier, J.M., and L.W. Cooper. Influence of the St. Lawrence Island polynya upon the Bering Sea benthos. Journal of Geophysical Research 100(3):4439-4460.**

**Location**Southeast Corner (lat,lon): **60.50 -166.50**Northwest Corner (lat,lon): **64.00 -175.00**Sampling Area (km^2): **171 820.40**Sea: **Bering** Region: **central Bering****Time**

Start Year: **1990**  
 End Year: **1990**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> No	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>4</b>	Mesh Size (mm):	
# Stations Sampled: <b>54</b>	Trawl Time (h):	Vessel:
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Amphipod**      **Bivalve**      **Polychaete**  
 Abundance Measure: **biomass**  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

**Comments**

Record Number: 55

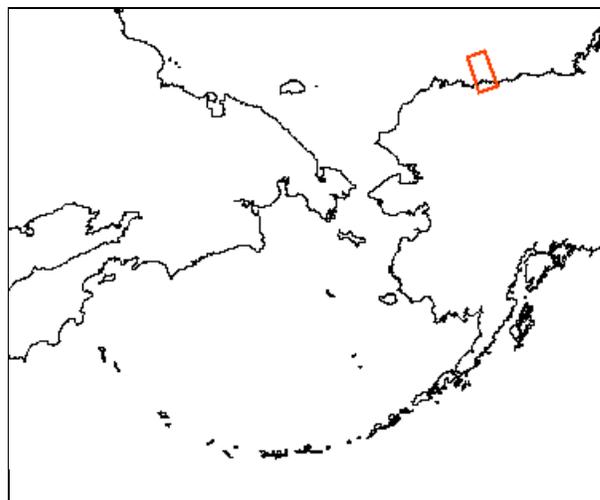
**Publication**

Author: **Carey** Pub. Year: **1984**  
 Pub.: **OCSEAP Final Rep. of P. I. Vol. 23**  
 Type: **report** Number of Authors: **4**

**Carey, A.G., M.A. Boudrias, J.C. Kern, and R.E. Ruff. 1984. Selected ecological studies on continental shelf benthos and the sea ice fauna in the southwestern Beaufort Sea. Pages 1-164 in, Outer Continental Shelf Environmental Assessment Program, Final Reports of Principal Investigators, Volume 23. U.S. Dept. of Commerce and U.S. Dept. of Interior.**

**Time**

Start Year: **1980**  
 End Year: **1980**  
 Season(s): **summ**

**Location**

Southeast Corner (lat,lon): **70.00 -147.50**

Northwest Corner (lat,lon): **72.00 -150.50**

Sampling Area (km^2): **24 327.43**

Sea: **Beaufort** Region: **sw Beaufort**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> Yes
Grab Sample Size: <b>0.10</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>5</b>	Mesh Size (mm):	
# Stations Sampled: <b>10</b>	Trawl Time (h):	Vessel: <b>multi</b>
	# Stations Sampled:	

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Comments**

**Alumiak, Glacier, Northwind**

**Data**

Number of Species:  
 Most abundant taxa collected (ascending order):  
**Annelida Mollusca Polychaete**  
 Abundance Measure: **biomass**  
 How taxa are listed: **append-par**  
 Size measurements included? **No**

Record Number: 56 Cross-reference with record(s): 52

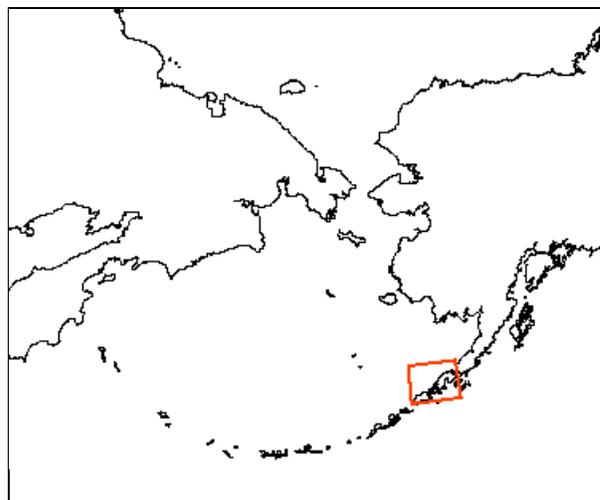
**Publication**

Author: **Cimberg** Pub. Year: **1986**  
 Pub.: **OCSEAP Final Rep. of P. I. Vol 44**  
 Type: **report** Number of Authors: **2**

**Cimberg, R.L., D.P. Costa, and P.A. Fishman. 1986. Ecological characteristics of shallow subtidal habitats in the north Aleutian Shelf. pages 437-646 in Outer Continental Shelf Environmental Assessment Program, Final Reports of Principal Investigators, Volume 44. U.S. Dept. of Commerce, U.S. Dept. of Interior.**

**Time**

Start Year: **1982**  
 End Year: **1982**  
 Season(s): **su-fa**

**Location**Southeast Corner (lat,lon): **54.50 -160.50**Northwest Corner (lat,lon): **56.50 -165.00**Sampling Area (km^2): **63 273.16**Sea: **Bering** Region: **north Aleutian shelf****Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.25</b>	Width of Opening:	# Stations:
# Replicates/Station: <b>3</b>	Mesh Size (mm):	
# Stations Sampled: <b>42</b>	Trawl Time (h): <b>20.00</b>	Vessel: <b>Disc/MFree</b>
	# Stations Sampled: <b>44</b>	

**Data Availability**

Available in Benthic GIS Database: **Maybe**  
 NODC Track Number(s):

**Comments****Data**

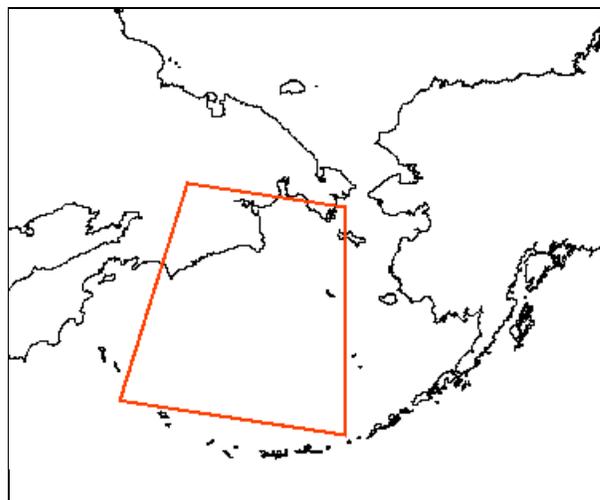
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Polychaete** **Crustacean** **Mollusc**  
 Abundance Measure: **freq occur**  
 How taxa are listed: **append-all**  
 Size measurements included? **No**

Record Number: 57 Cross-reference with record(s): 22,23

**Publication**

Author: **Kolesnikova** Pub. Year: **1990**  
 Pub.: **USFWS (BERPAC, II)**  
 Type: **report** Number of Authors: **3**

**Kolesnikova, H.A., N.G. Sergeva and N.A. Valovaya. 1990. Benthos of the Bering Sea. pp. 175-187 \_in\_ P.F. Roscigno (ed.) Results of the second joint US-USSR Bering Sea expedition, Summer 1984. US Fish. Wild. Serv. Biol. Rep. 90(13). x+317 pp.**

**Location**Southeast Corner (lat,lon): **53.00 -171.00**Northwest Corner (lat,lon): **65.00 169.00**Sampling Area (km^2): **1 510 647.00**Sea: **Bering** Region: **west, central Bering****Time**

Start Year: **1984**  
 End Year: **1984**  
 Season(s): **july**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> No
Grab Sample Size: <b>0.25</b>	Width of Opening: <b>1.50</b>	# Stations:
# Replicates/Station:	Mesh Size (mm): <b>5.00</b>	
# Stations Sampled: <b>20</b>	Trawl Time (h):	
	# Stations Sampled: <b>9</b>	Vessel: <b>AcademicKo</b>

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Data**

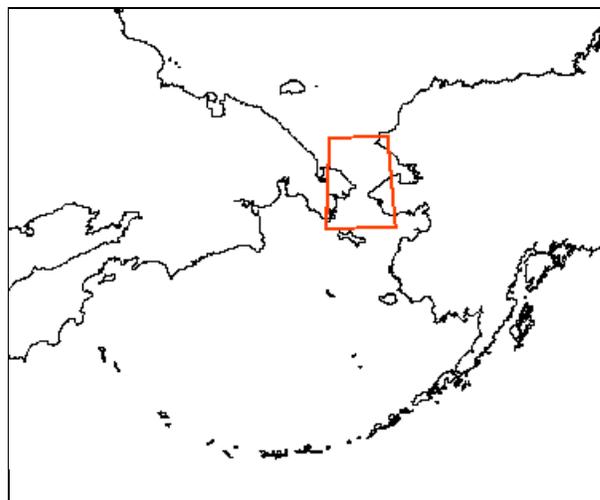
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Bivalves**      **Spongia**      **Polychaeta**  
 Abundance Measure: **dens,biom**  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

**Comments**

Record Number: **58** Cross-reference with record(s): **8,23,37,49****Publication**

Author: **Sirenko** Pub. Year: **1992**  
 Pub.: **USFWS (BERPAC, III)**  
 Type: **report** Number of Authors: **2**

**Sirenko, B.I. and W.M. Koltun. 1992. Characteristics of benthic processes of the Chukchi and Bering Seas. \_in\_ P.A. Nagel (ed.) Results of the third joint US-USSR Bering and Chukchi Seas expedition (BERPAC), Summer 1998. US Fish. Wildl. Serv., Washington, DC.**

**Location**Southeast Corner (lat,lon): **63.85 -165.00**Northwest Corner (lat,lon): **68.66 -173.33**Sampling Area (km^2): **200 634.80**Sea: **Ber/Chuk** Region: **Gulf Anadyr, n Ber, s****Time**

Start Year: **1988**  
 End Year: **1988**  
 Season(s): **summ**

**Sampling Conducted**

<b>Grab sampling:</b> Yes	<b>Trawl Sampling:</b> Yes	<b>Other sampling method:</b> Yes
Grab Sample Size: <b>0.10</b>	Width of Opening: <b>0.90</b>	# Stations:
# Replicates/Station:	Mesh Size (mm): <b>5.00</b>	
# Stations Sampled: <b>111</b>	Trawl Time (h):	
	# Stations Sampled: <b>48</b>	Vessel: <b>AcademicKo</b>

**Data Availability**

Available in Benthic GIS Database: **No**  
 NODC Track Number(s):

**Comments****Data**

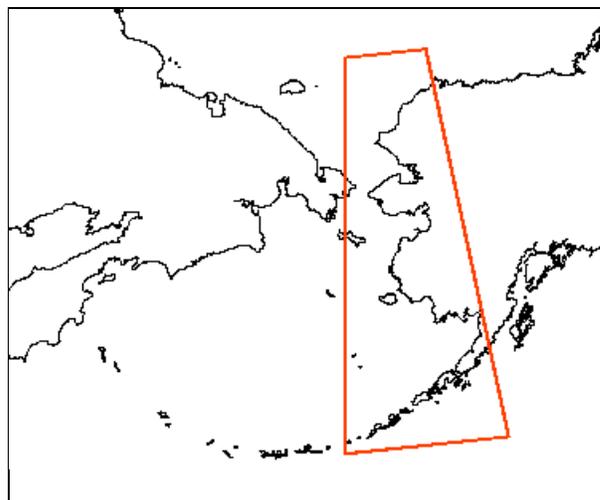
Number of Species:  
 Most abundant taxa collected (ascending order):  
**Mollusk**      **Polychaete**      **Echinoderm**  
 Abundance Measure: **biomass**  
 How taxa are listed: **table-part**  
 Size measurements included? **No**

Record Number: 59

**Publication**

Author: **Sharma** Pub. Year: **1976**  
 Pub.: **BLM Bering Land Bridge Cult. Res.**  
 Type: **report** Number of Authors: **1**

**Sharma, G.D. 1976. Bering Land Bridge cultural resource study - final report. Fairbanks, Alaska: The University Museum, U. of Alaska. 53pp.**

**Location**

Southeast Corner (lat,lon): **52.00 -157.00**

Northwest Corner (lat,lon): **73.00 -171.00**

Sampling Area (km^2): **2 830 000.00**

Sea: **Ber/Chuk** Region: **Bering and Alaskan**

**Time**

Start Year:

End Year:

Season(s):

**Sampling Conducted**

**Grab sampling:** No

**Trawl Sampling:** No

**Other sampling method:** No

Grab Sample Size:

Width of Opening:

# Stations:

# Replicates/Station:

Mesh Size (mm):

# Stations Sampled:

Trawl Time (h):

# Stations Sampled:

Vessel:

**Data Availability**

Available in Benthic GIS Database: **No**

NODC Track Number(s):

**Data**

Number of Species:

Most abundant taxa collected (ascending order):

Abundance Measure:

How taxa are listed:

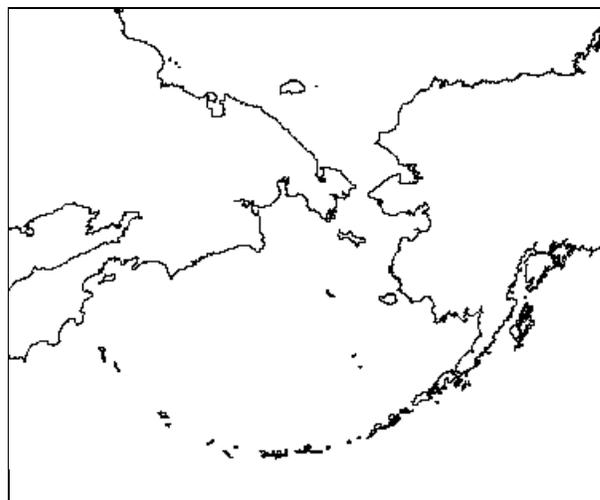
Size measurements included? **No**

**Comments**

**Geol history, features, sedimentation of the seas**

Record Number: **60** Cross-reference with record(s): **3,8,49,50,51****Publication**Author: **Grebmeier** Pub. Year: **1991**Pub.: **J. Mar. Syst. 2:495-518**Type: **journal** Number of Authors: **2**

**Grebmeier, J.M. and J.P. Barry. 1991. The influence of oceanographic processes on pelagic-benthic coupling in polar regions: a benthic perspective. J. Mar. Syst. 2:495-518.**

**Location**Southeast Corner (lat,lon): **55.00 -180.00**Northwest Corner (lat,lon): **90.00 180.00**

Sampling Area (km^2):

Sea: **Ber/Chu/Ar** Region: **pan-Arctic seas****Time**

Start Year:

End Year:

Season(s):

**Sampling Conducted****Grab sampling:** No**Trawl Sampling:** No**Other sampling method:** No

Grab Sample Size:

Width of Opening:

# Stations:

# Replicates/Station:

Mesh Size (mm):

# Stations Sampled:

Trawl Time (h):

# Stations Sampled:

Vessel:

**Data Availability**Available in Benthic GIS Database: **No**

NODC Track Number(s):

**Data**Number of Species: **1311**

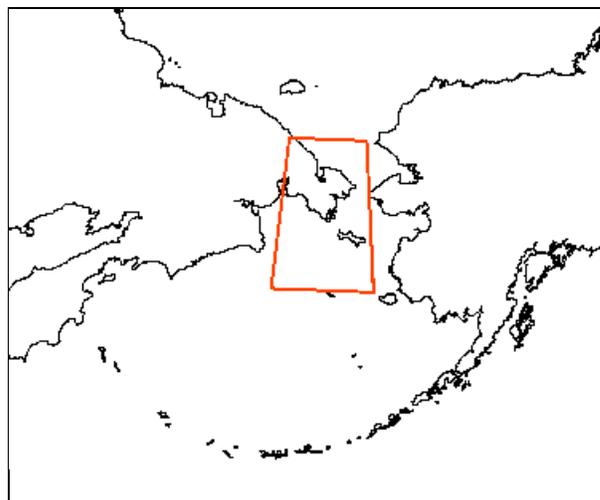
Most abundant taxa collected (ascending order):

Abundance Measure: **richness**How taxa are listed: **none**Size measurements included? **No****Comments**

**Review; model of ocean processes on benthic system**

Record Number: **61** Cross-reference with record(s): **5,37,49,50****Publication**Author: **Grebmeier** Pub. Year: **1993**Pub.: **Cont. Shelf Res. 13(5/6):653-668**Type: **journal** Number of Authors: **1**

**Grebmeier, J.M. 1993. Studies of pelagic-benthic coupling extended onto the Soviet continental shelf in the northern Bering and Chukchi Seas. Continental Shelf Research 13(5/6):653-668.**

**Location**Southeast Corner (lat,lon): **60.50 -168.00**Northwest Corner (lat,lon): **68.50 -179.00**Sampling Area (km^2): **468 932.20**Sea: **Ber/Chuk** Region: **Russian continental****Time**Start Year: **1988**End Year: **1988**Season(s): **summ****Sampling Conducted****Grab sampling:** Yes**Trawl Sampling:** No**Other sampling method:** YesGrab Sample Size: **0.10**

Width of Opening:

# Stations:

# Replicates/Station: **4**

Mesh Size (mm):

# Stations Sampled: **25**

Trawl Time (h):

# Stations Sampled:

Vessel: **AcademicKo****Data Availability**Available in Benthic GIS Database: **No**

NODC Track Number(s):

**Data**

Number of Species:

Most abundant taxa collected (ascending order):

Abundance Measure: **biomass**How taxa are listed: **text-part**Size measurements included? **No****Comments**

**Field study supporting pelag-benth coupling model.**